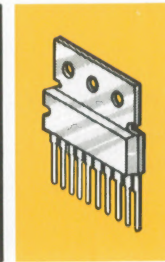
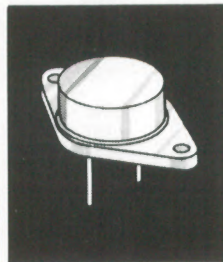
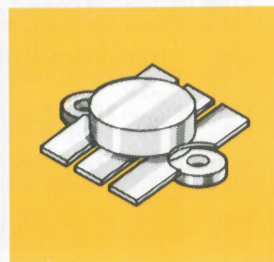
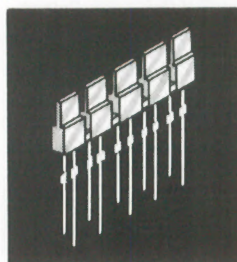
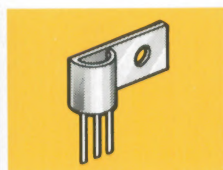
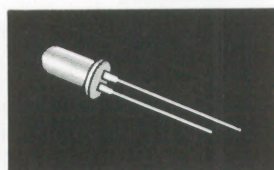
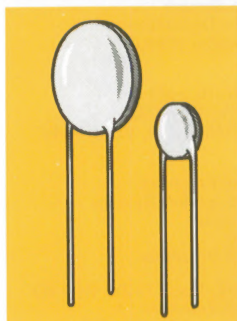
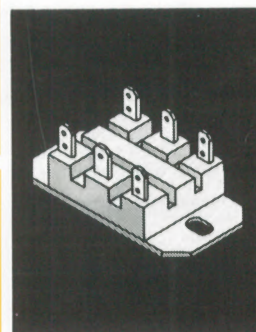
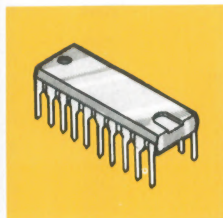
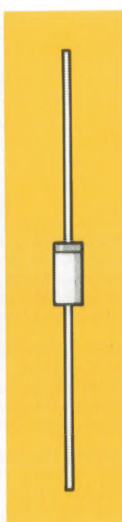
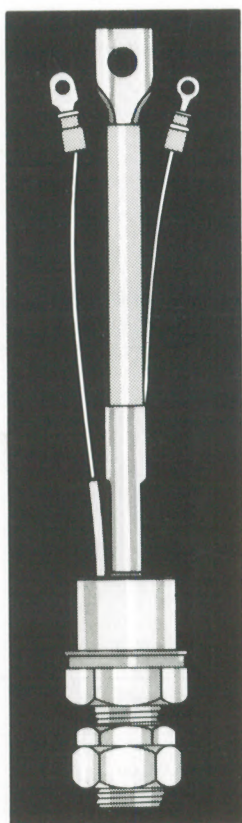


ECG[®]

SEMICONDUCTORS

MASTER REPLACEMENT GUIDE

Supplement No. 1 To 212Q



- Industrial
- Commercial
- Entertainment
- Equipment Maintenance and Repair

Philips ECG



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Introduction

Supplement No. 1 to ECG Semiconductor Master Replacement Guide 212Q provides technical information on 72 new devices, plus over 8,100 additional crosses and changes.

For proper use of this supplement, reference should be made to the Replacement Procedures section in ECG Semiconductor Master Replacement Guide 212Q.

The technical data given in this publication are intended to show safe areas of ECG device operation and level of performance. They are not to be considered limits for new equipment design. We cannot guarantee that the listed items provide an exact replacement in all applications.

Philips ECG PRODUCTS ARE NOT AUTHORIZED FOR USE AS CRITICAL COMPONENTS IN LIFE SUPPORT APPLICATIONS.

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2391	1	T41	MOSFET, N-Ch, Enhancement, Hi Speed Sw
2393	1	T48	MOSFET, N-Ch, Enhancement, Hi Speed Sw
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Bi-Polar Transistors (Maximum Ratings at $T_C = 25^\circ\text{C}$)

ECG Type	Description and Application	Collector To Base Volts BV_{CBO}	Collector To Emitter Volts BV_{CEO}	Base to Emitter Volts BV_{EBO}	Max. Collector Current I_C Amps	Max. Device Diss. P_D Watts	Freq. in MHz f_t	Current Gain h_{FE}	Package	
									Case	Fig. No.
ECG2347	NPN-Si, Hi Current, Sw, $t_f = .3 \mu\text{sec}$ Typ	120	80	6	4	1	50	40 min	TO-39	T6
ECG2348	NPN-Si, HV, Hi Current, $t_f = .3 \mu\text{sec}$ Typ	900	800	7	10	150	15	8 min	TO-3PJ	T48-1
ECG2353	NPN-Si, Horiz Sw w/Damper Diode, $t_f = .3 \mu\text{sec}$ Max	1500	800	6	10	70	---	8 min	TO-3PM	T48-3
ECG2354	NPN-Si, Horiz Out, HV, Sw, $t_f = .2 \mu\text{sec}$ Max	1500	800	6	10	150	---	8 min	TO-3PJ	T48-1

Power MOSFET Transistors (Observe MOS Handling) ▲

ECG Type	Description and Application	Transconductance gfs mhos	Drain to Source Breakdown Voltage BV_{DSS}	Gate to Source Breakdown Voltage BV_{GS}	Continuous Drain Current I_D Amps	Gate to Source Cutoff Voltage $V_{GS}(\text{off})$	Drain to Source Resistance $r_{DS}(\text{on})$ Ohms	Input Cap C_{iss} pf	Device Dissipation @ $T_C = 25^\circ\text{C}$ P_D Watts	Package	
										Case	Fig. No.
ECG2389 ▲	MOSFET, N-Ch, Enhancement Hi Speed Switch	8 Min	60 Min	± 30 Max*	35	4 Max td(off) = 160 ns, td(on) = 40 ns, tf = 130 ns, tr = 90 ns	.045 Max	2000 Max	125 Max	TO-220	T41
ECG2391 ▲	MOSFET, N-Ch, Enhancement Hi Speed Switch	2.1 Min	400 Min	± 30 Max*	4	4 Max td(off) = 65 ns, td(on) = 20 ns, tf = 40 ns, tr = 60 ns	1.8 Max	500 Max	75 Max	TO-220	T41
ECG2393 ▲	MOSFET, N-Ch, Enhancement Hi Speed Switch	5 Min	500 Min	± 20 Max*	9	4 Max td(off) = 170 ns, td(on) = 40 ns, tf = 40 ns, tr = 60 ns	.7 Max	1900 Max	150 Max	TO-3P (TO-218)	T48
ECG2394 ▲	MOSFET, N-Ch, Enhancement Hi Speed Switch	9 Min	500 Min	± 20 Max*	14	4 Max td(off) = 150 ns, td(on) = 35 ns, tf = 70 ns, tr = 50 ns	.4 Max	3000 Max	180 Max	TO-3P (TO-218)	T48

Fig. T6
TO-39
ECG
2347

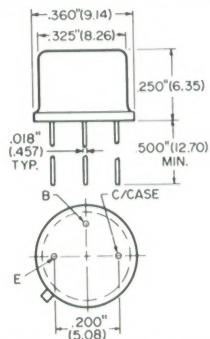


Fig. T41
TO-220
ECG
2389
2391

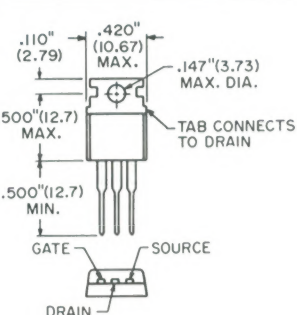


Fig. T48
TO-3P
ECG
2393
2394

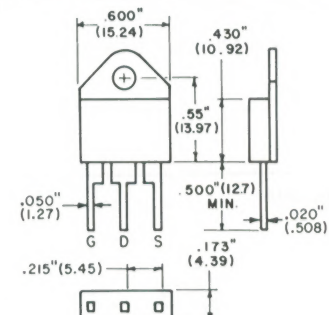


Fig. T48-1
TO-3PJ
ECG
2348
2354

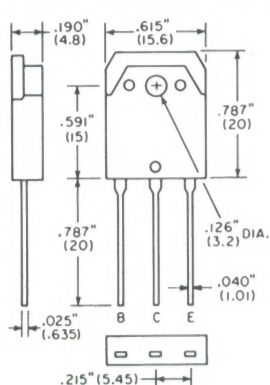
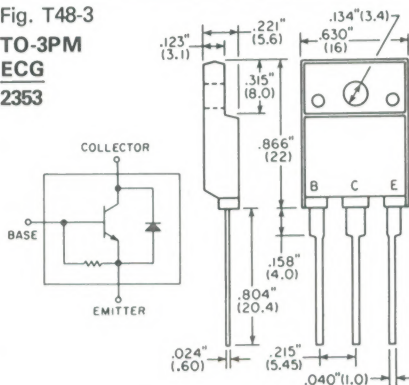
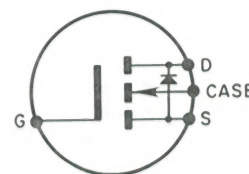


Fig. T48-3
TO-3PM
ECG
2353



Enhancement N-Ch MOSFET

ECG
2389
2391
2393
2394



* Warning - Exceeding BV_{GS} maximum will result in permanent damage to the gate region oxide layer.

General Purpose Rectifier

ECG Type	Description	Peak Reverse Voltage PRV Max V	Average Rectified Forward Current I _O Max	Forward Current Repetitive Peak I _{FRM} Max	Reverse Recovery Time t _{rr}	Forward Voltage Drop Max V _F	AFC	Fast Sw	Gen Purp	Fast Recovery	Fig. No.
ECG569	Fast Sw, Soft Recovery	Si 600	3 A	100 A	200 ns	1.1 V		●	●	●	Z6A

Schottky Barrier Rectifier

ECG Type	Peak Reverse Voltage PRV (V)	Average Rectified Forward Current I _O (A)	Surge IFM (A)	TC @ Rated I _O Max °C	Forward Voltage Drop @ Rated I _O V _F (V)	Fig. No.
ECG6083	45	10	150	+ 120	.60	Z41A

PIN Diode

ECG Type	Description and Application	Max. Power (mW)	V (BR) R Min. (Volts)	IR Max. (nA)	C _T Max. (pf)	LS Typ. (nH)	RA Max. (Ohms)	Fig. No.
ECG555A	Si PIN Diode, Gen Purp & VHF Switch	250	35	100	1.2	---	0.7	Z11A

Discrete LED Indicators

ECG No.	Description/Application	Viewed Color	Forward Voltage V _F (V)	Reverse Voltage V _R (V)	Max DC Forward Current I _F (mA)	Maximum Power Diss. P _D (mW)	Typical Viewing Angle Degrees	Typical Luminous Intensity MCD	Qty Per Pkg	Fig. No.
ECG3014A	Panel Circuit Indicators, Low Drive Power, High Intensity Visible Emission	Green	2.8	4.0	25	70	30	10	2	P4A

Fig. Z6A

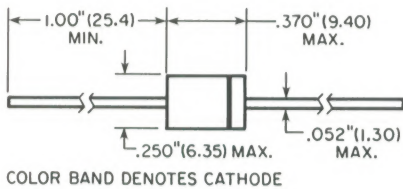


Fig. Z11A

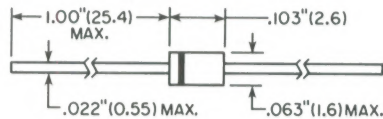


Fig. Z41A

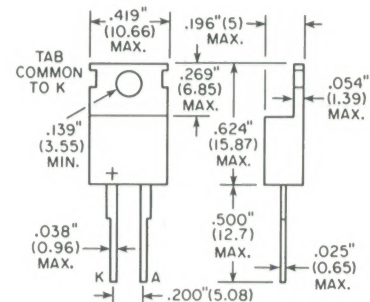
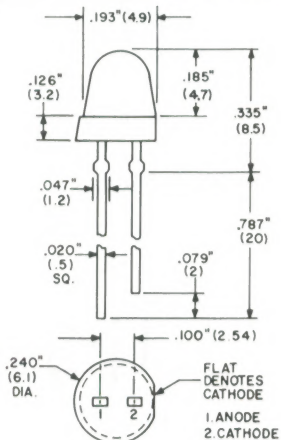
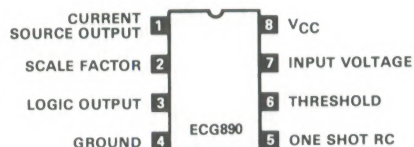


Fig. P4A

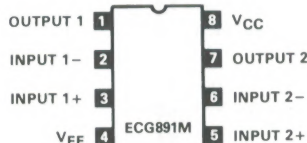


IC and Module Circuits

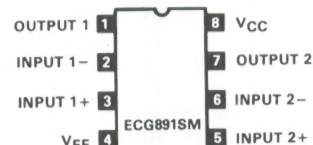
ECG890 8-Pin DIP See Fig. L98
Voltage to Frequency Converter



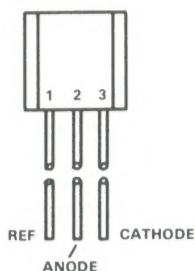
ECG891M 8-Pin DIP See Fig. L97
Dual Op Amp, Internally Compensated,
 $V_{CC} = +15V$, $V_{EE} = -15V$



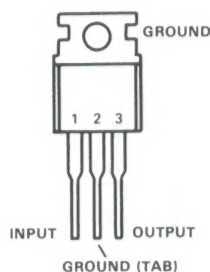
ECG891SM 8-Pin SOIC See Fig. L159
Dual Op Amp, Internally Compensated,
 $V_{CC} = +15V$, $V_{EE} = -15V$



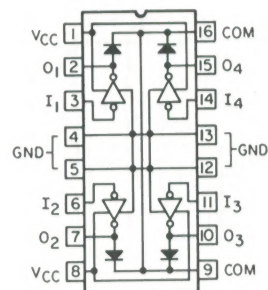
ECG999 TO-92 See Fig. L16
Adjustable Precision Shunt Regulator,
 $V_{REF} = 2.5V$, $ADJ = V_{REF}$ to 36V



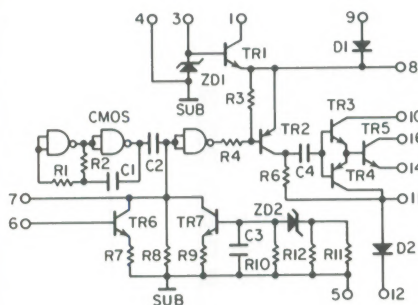
ECG1910 TO-220 See Fig. L17
Pos VR, 9V @ 1A



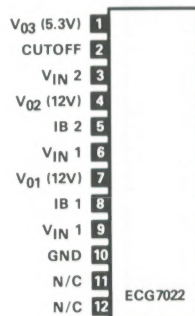
ECG2033 16-Pin DIP See Fig. L111
4 Unit Darlington Array/Driver (Low Input
Active), $I_O \text{ Max}^* = 1.5A$, $V_{CC} = 5V$



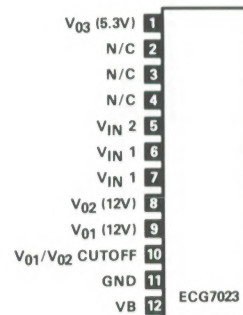
ECG7021 16-Pin SIP See Fig. L72B
Switching Regulator



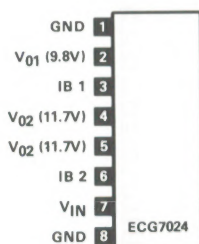
ECG7022 12-Pin SIP-M See Fig. L67C
VCR Positive DC VR: 12V @ 1.5A,
12V @ 1.5A, 5.3V @ 1A



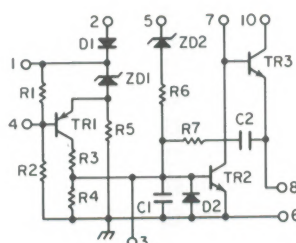
ECG7023 12-Pin SIP-M See Fig. L67C
VCR Positive DC VR: 12V @ 1A,
12V @ 1A, 5.3V @ 1A



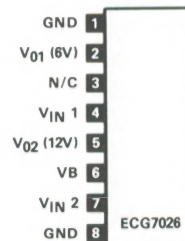
ECG7024 8-Pin SIP-M See Fig. L60A
VCR Positive DC VR: 9.8V @ 1A, 11.7V @ 2A



ECG7025 10-Pin SIP-M See Fig. L65A
Switching Regulator



ECG7026 8-Pin SIP-M See Fig. L60A
VCR Positive DC VR: 6V @ .5A, 12V @ 1A



The ECG products shown above are intended for replacement use only. Detailed specifications are not available.

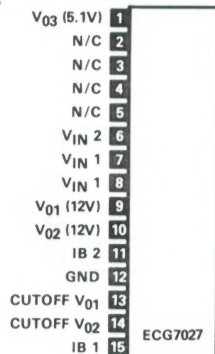
* $I_O \text{ Max}$ = Current Per Transistor.

IC and Module Circuits (cont'd)

ECG7027

15-Pin SIP See Fig. L70C

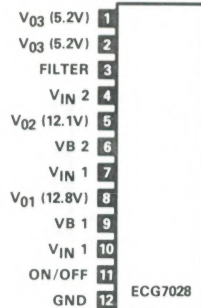
VCR Positive DC VR: 12V @ 1A, 12V @ 1A, 5.1V @ .5A



ECG7028

12-Pin SIP-M See Fig. L67C

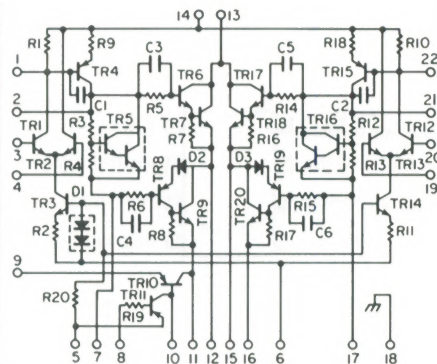
VCR Positive DC VR: 12.8V @ 1A, 12.1V @ 1A, 5.2V @ 1A



ECG7029

22-Pin SIP See Fig. L162

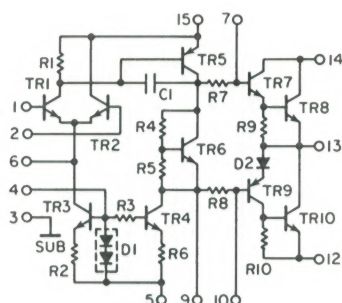
Dual AF PO, 100W, R_L = 8Ω, V_{cc} = ±51V



ECG7030

15-Pin SIP-M See Fig. L69A

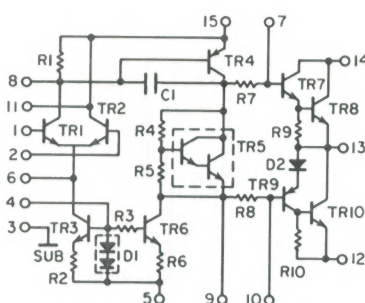
AF PO, 50W, R_L = 8Ω, V_{cc} = ±35V



ECG7031

15-Pin SIP-M See Fig. L70B

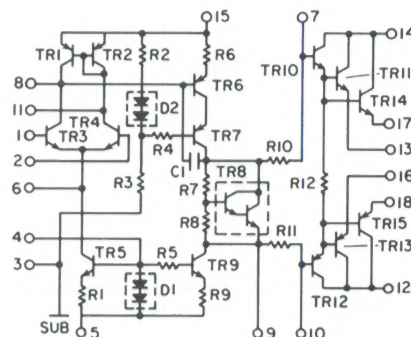
AF PO, 100W, R_L = 8Ω, V_{cc} = ±51V



ECG7032

18-Pin SIP See Fig. L75D

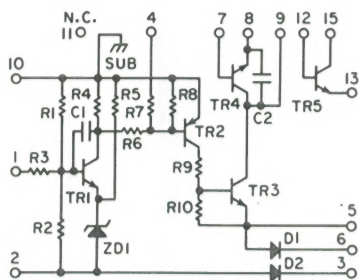
AF PO, 120W, R_L = 8Ω, V_{cc} = ±55V



ECG7033

15-Pin SIP See Fig. L70D

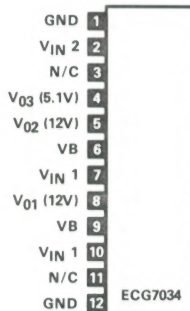
Switching Regulator



ECG7034

12-Pin SIP-M See Fig. L67C

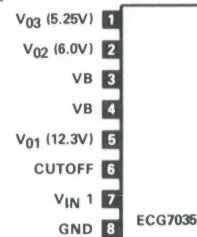
VCR Positive DC VR: 12V @ 1A, 12V @ 1A, 5.1V @ 1A



ECG7035

8-Pin SIP-M See Fig. L60A

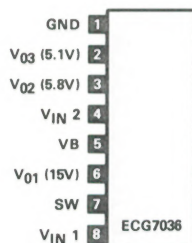
VCR Positive DC VR: 12.3V @ 1A, 6V @ 1A, 5.25V @ .6A



ECG7036

8-Pin SIP-M See Fig. L60B

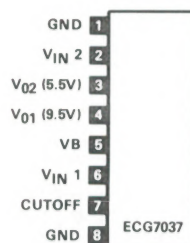
VCR Positive DC VR: 15V @ 1A, 5.8V @ 1A, 5.1V @ 1A



ECG7037

8-Pin SIP-M See Fig. L60A

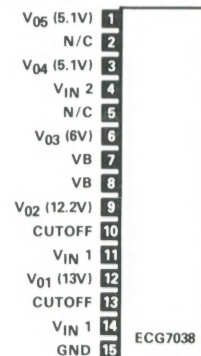
VCR Positive DC VR: 9.5V @ 1A, 5.5V @ 1A



ECG7038

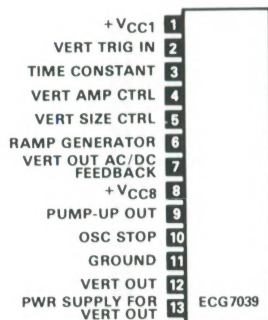
15-Pin SIP-M See Fig. L69A

VCR Positive DC VR: 13V @ 1A, 12.2V @ 1A, 6V @ 1A, 5.1V @ 1A, 5.1V @ 1A

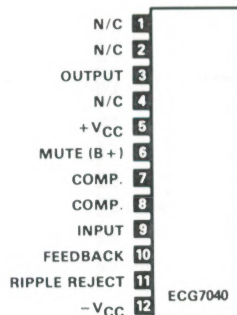


IC and Module Circuits (cont'd)

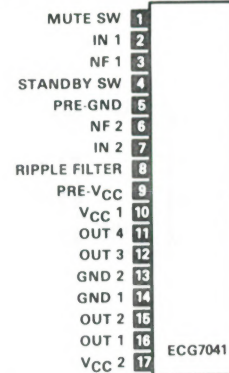
ECG7039 13-Pin SIP-HS See Fig. L92B
TV Vertical Deflection Output, $V_{CC1} = 12V$,
 $V_{CC8} = 24V$



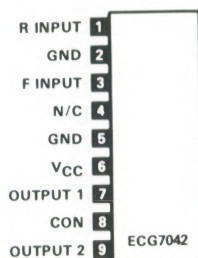
ECG7040 12-Pin SIP-HS See Fig. L92
AF PO, 20W, $V_{CC} = \pm 25V$, $R_L = 8\Omega$



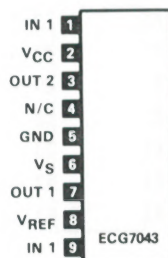
ECG7041 17-Pin SIP See Fig. L57C
Dual AF PO, 22W, $V_{CC} = 13.2V$, $R_L = 4\Omega$



ECG7042 9-Pin SIP See Fig. L40
Bi-directional Motor Driver, $I_O = .7A$,
 $V_{CC} = 9V$



ECG7043 9-Pin SIP See Fig. L39
Bi-directional Motor Driver, $I_O = 1A$,
 $V_{CC} = 12V$



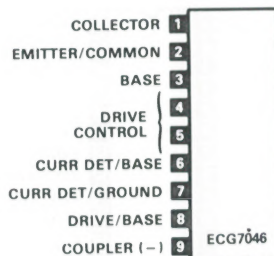
ECG7044 9-Pin SIP See Fig. L41
Switching Regulator Control Circuit,
 $V_{CC} = 12V$



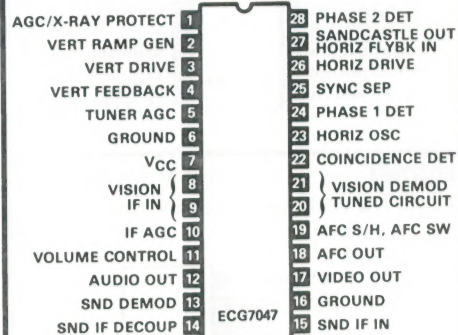
ECG7045 12-Pin SIP See Fig. L43A
Horizontal Processor, $V_{CC} = 11V$



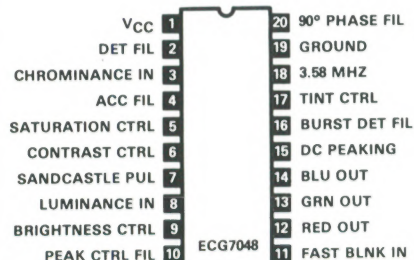
ECG7046 9-Pin SIP-HS See Fig. L79A
Power Regulator



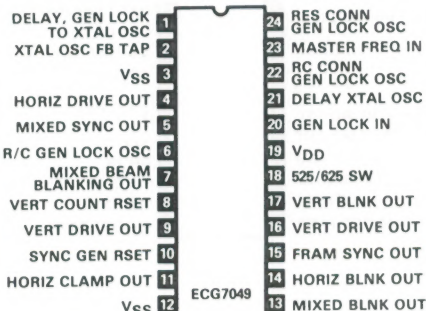
ECG7047 28-Pin DIP See Fig. L124
TV Small Signal Sub-System, $V_{CC} = 12V$ Typ



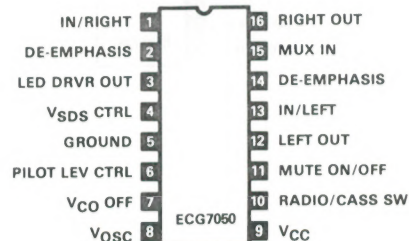
ECG7048 20-Pin DIP See Fig. L118A
TV Chroma Processor/Demodulator,
 $V_{CC} = 12V$ Typ



ECG7049 24-Pin DIP See Fig. L122
TV Video Sync Generator (CMOS),
 $V_{DD} = +4$ to $+15V$



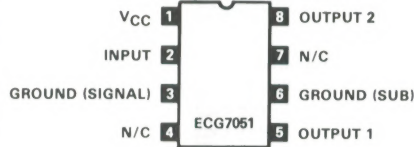
ECG7050 16-Pin DIP See Fig. L112
PLL Stereo Decoder, $V_{CC} = 8.5V$ Typ



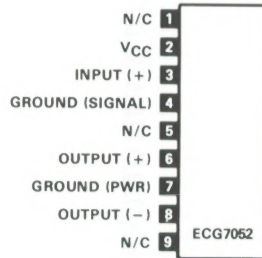
The ECG products shown above are intended for replacement use only. Detailed specifications are not available.

IC and Module Circuits (cont'd)

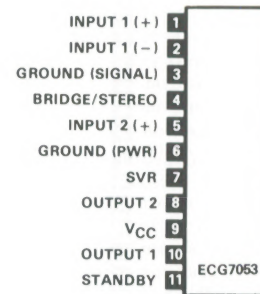
ECG7051 8-Pin DIP See Fig. L97
AF PO, 1W, $V_{CC}=6V$, $R_L=8\Omega$



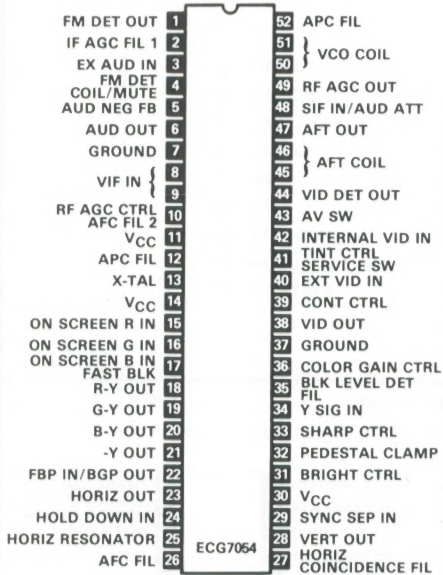
ECG7052 9-Pin SIP-HS See Fig. L79
AF PO, 3W, $V_{CC}=11V$ Typ, $R_L=16\Omega$



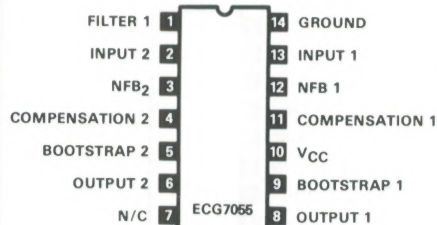
ECG7053 11-Pin Formed SIP See Fig. L93
Dual AF PO, 6.5W, 20W (BTL), $V_{CC}=14.4V$, $R_L=4\Omega$



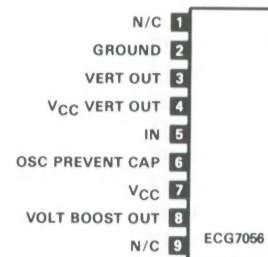
ECG7054 52-Pin DIP See Fig. L126C
Single Chip TV Signal Processor, $V_{CC}=9V$ Typ



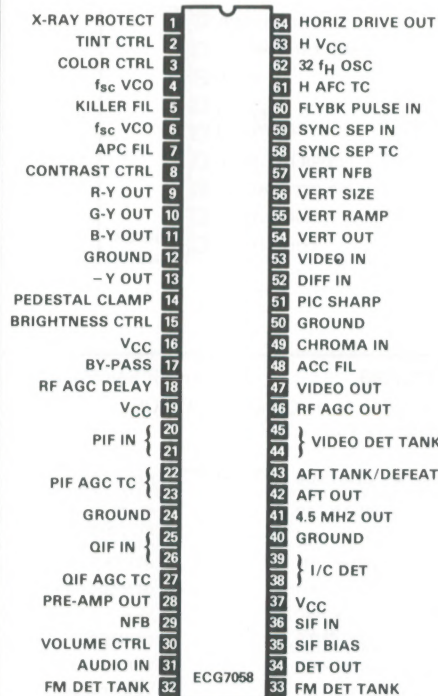
ECG7055 14-Pin DIP-ET See Fig. L146
Dual AF PO, 1.2W, $V_{CC}=9V$, $R_L=8\Omega$



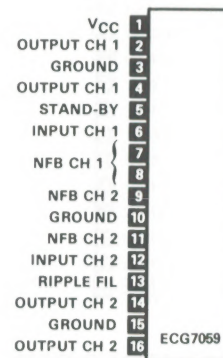
ECG7056 9-Pin SIP-HS See Fig. L80B
Vertical Deflection Output, $V_{CC}=24V$ Typ



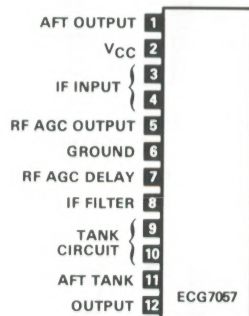
ECG7058 64-Pin DIP See Fig. L126B
Single Chip TV Signal Processor, $V_{CC}=9V$ Typ



ECG7059 16-Pin SIP-HS See Fig. L93C
Dual BTL AF PO, 14W, $V_{CC}=13.2V$, $R_L=8\Omega$

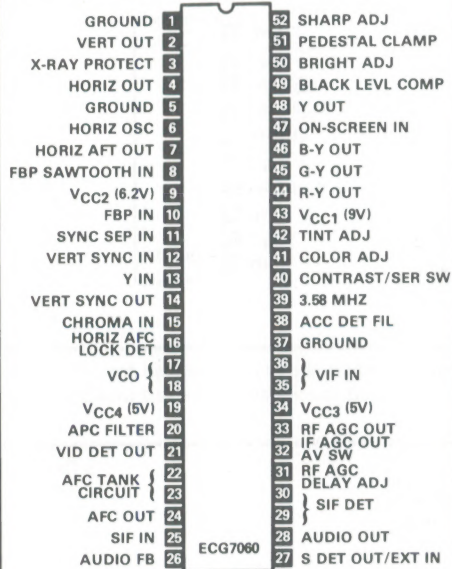


ECG7057 12-Pin SIP See Fig. L43C
TV SIF/AFT/RF AGC, $V_{CC}=9V$ Typ

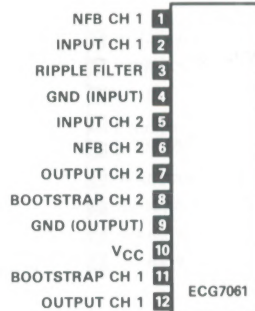


IC and Module Circuits (cont'd)

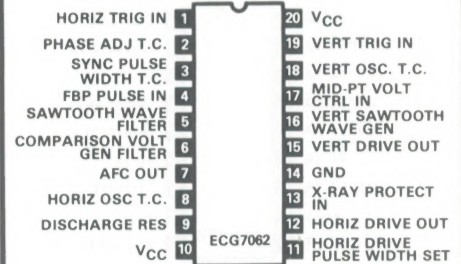
ECG7060 52-Pin DIP See Fig. L126C
Single Chip TV Signal Processor,
Vcc1=9V Typ



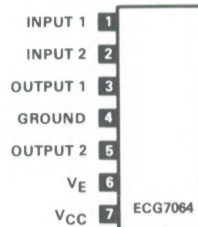
ECG7061 12-Pin SIP-HS See Fig. L92
Dual AF PO, 5.8W, Vcc=12V, RL=3Ω



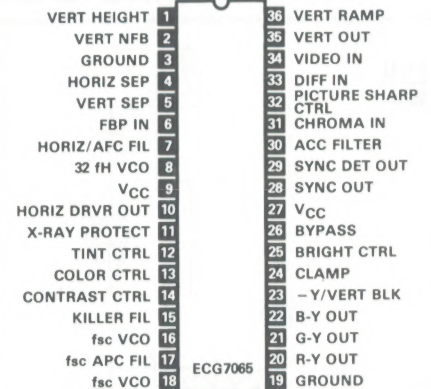
ECG7062 20-Pin DIP See Fig. L118A
Vertical Deflection Circuit/Sync/H-V Osc/
X-Ray Protect, Vcc=12V Typ



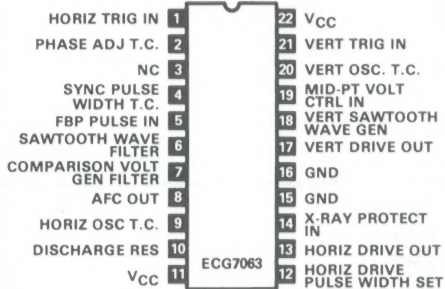
ECG7064 7-Pin SIP-HS See Fig. L76C
VCR Loading/Bi-directional Motor Driver,
Io=1A, Vcc=18V Typ



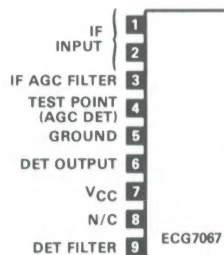
ECG7065 36-Pin DIP See Fig. L124D
Video/Chroma/Horiz-Vert Drvr/Osc/Sync/
X-Ray Protect, Vcc=9V Typ



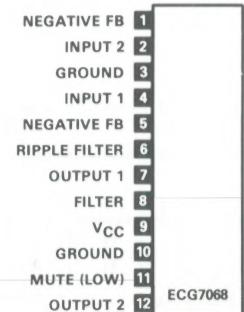
ECG7063 22-Pin DIP See Fig. L121A
Vertical Deflection Circuit/Sync/H-V Osc/
X-Ray Protect, Vcc=12V Typ



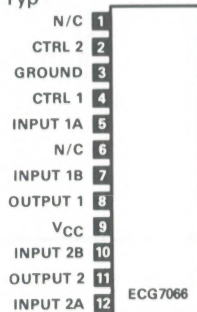
ECG7067 9-Pin SIP See Fig. L36
VIF/Amp/IF Det/AGC, Vcc=9V Typ



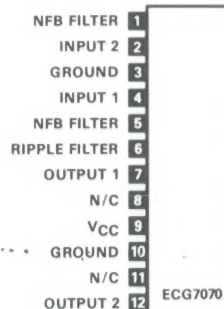
ECG7068 12-Pin SIP-HS See Fig. L92A
Dual AF PO with Mute, 13W, Vcc=28V,
RL=8Ω



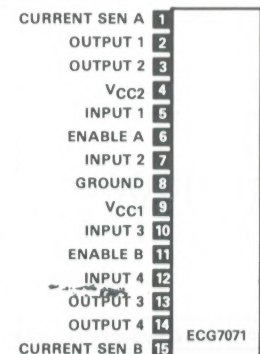
ECG7066 12-Pin SIP See Fig. L43B
Dual Audio/Video Electronic Switch,
Vcc=12V Typ



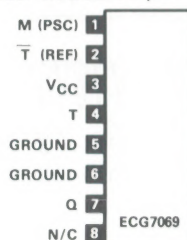
ECG7070 12-Pin SIP-HS See Fig. L92A
Dual AF PO, 6W, Vcc=20V, RL=8Ω



ECG7071 15-Pin SIP-HS See Fig. L93A
Bi-directional Motor Driver, Io=2A,
Vcc1=5V, Vcc2=42V



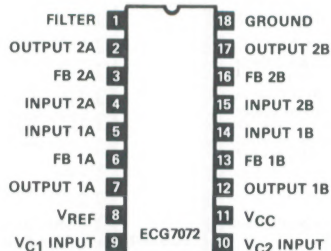
ECG7069 8-Pin SIP See Fig. L35
PLL Hi-Speed Divider w/ECL Output
(1/128, 1/136),
Vcc=5V Typ



IC and Module Circuits (cont'd)

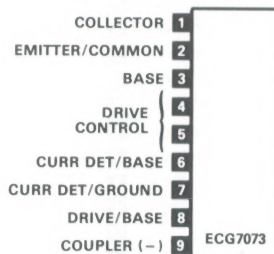
ECG7072 18-Pin DIP See Fig. L115

Dual Tandem Electronic Attenuator,
V_{CC} = 13.2V Typ



ECG7073 9-Pin SIP-HS See Fig. L79A

Power Regulator



ECG7074 10-Pin SIP-M See Fig. L65A

VCR Positive DC VR: 12.3V @ 1A,
12.2V @ 1A, 5.3V @ 1A

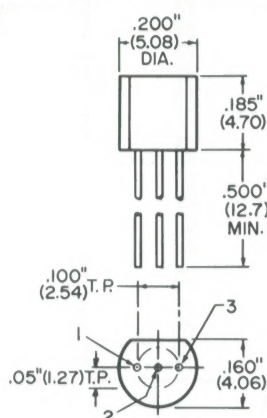


The ECG products shown above are intended for replacement use only. Detailed specifications are not available.

IC and Module Outlines

Fig. L16

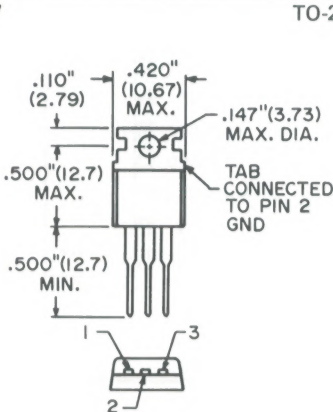
ECG
999



TO-92

Fig. L17

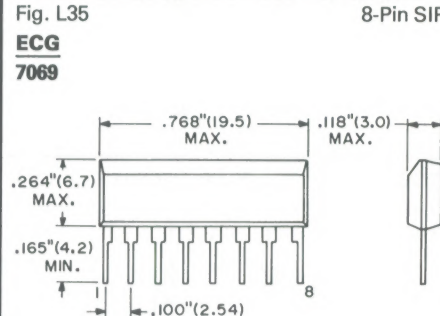
ECG
1910



TO-220

Fig. L35

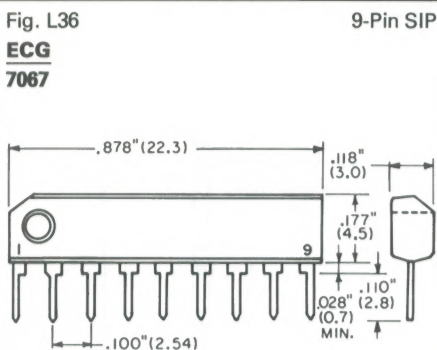
ECG
7069



8-Pin SIP

Fig. L36

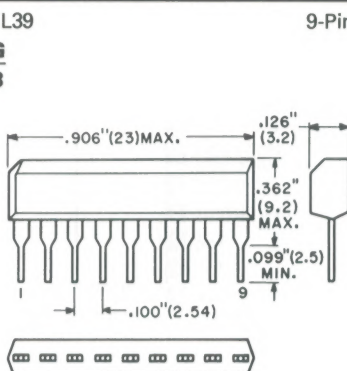
ECG
7067



9-Pin SIP

Fig. L39

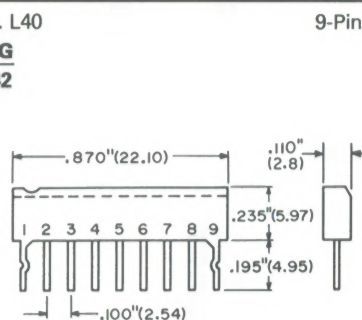
ECG
7043



9-Pin SIP

Fig. L40

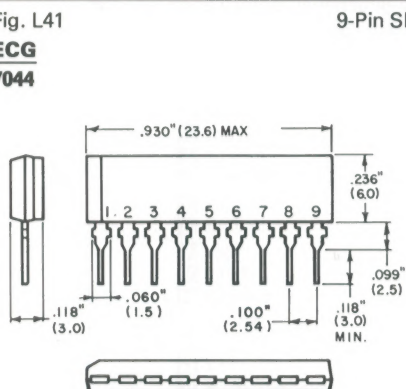
ECG
7042



9-Pin SIP

Fig. L41

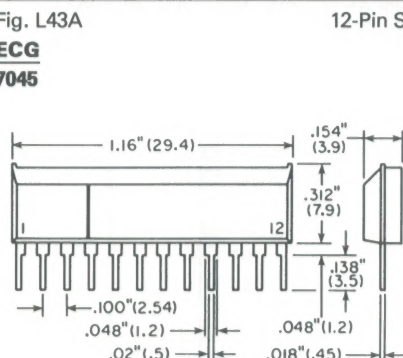
ECG
7044



9-Pin SIP

Fig. L43A

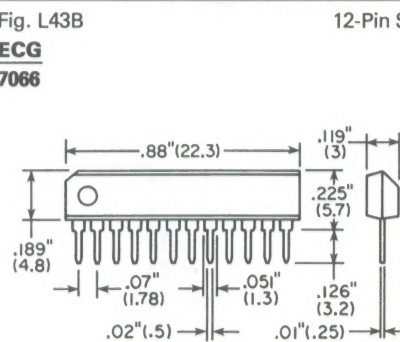
ECG
7045



12-Pin SIP

Fig. L43B

ECG
7066



12-Pin SIP

IC and Module Outlines (cont'd)

Fig. L43C

12-Pin SIP

ECG
7057

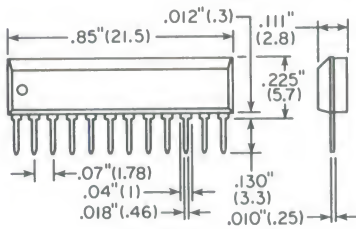


Fig. L57C

17-Pin SIP

ECG
7041

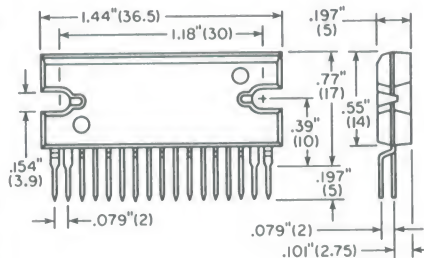


Fig. L60A

8-Pin SIP-M

ECG
7024 7035
7026 7037

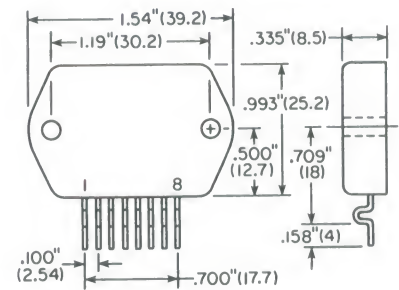


Fig. L60B

8-Pin SIP-M

ECG
7036

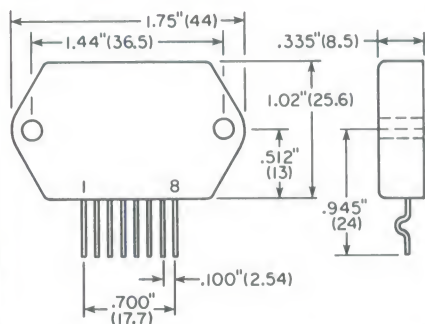


Fig. L65A

10-Pin SIP-M

ECG
7025 7074

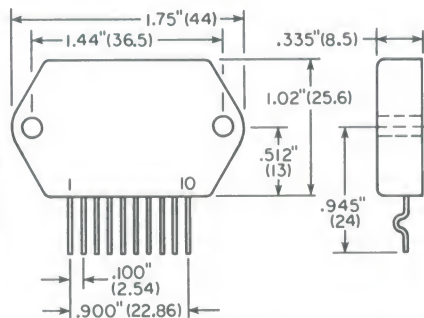


Fig. L67C

12-Pin SIP-M

ECG
7022 7028
7023 7034

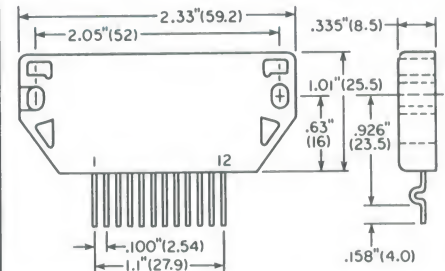


Fig. L69A

15-Pin SIP-M

ECG
7030 7038

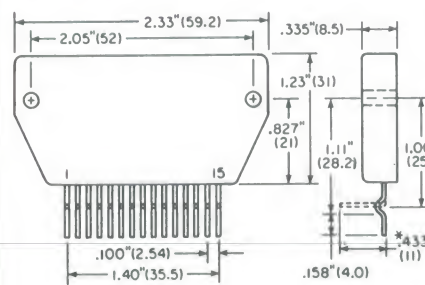


Fig. L70B

15-Pin SIP-M

ECG
7031

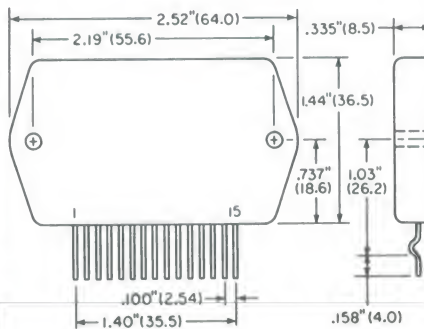


Fig. L70C

15-Pin SIP

ECG
7027

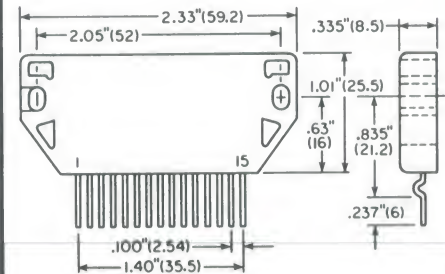


Fig. L70D

15-Pin SIP

ECG
7033

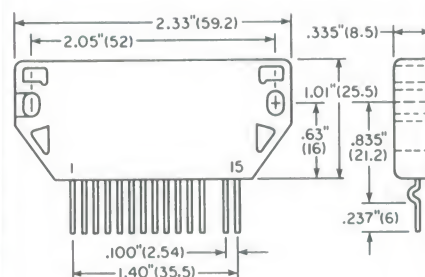


Fig. L72B

16-Pin SIP

ECG
7021

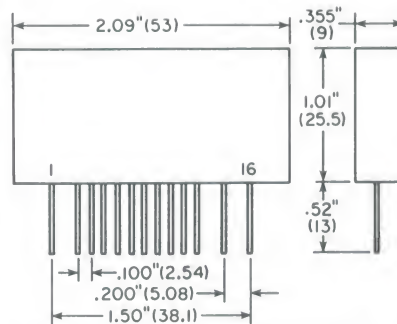
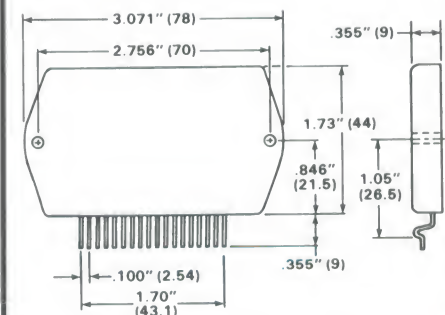


Fig. L75D

18-Pin SIP

ECG
7032



IC and Module Outlines (cont'd)

Fig. L76C

7-Pin SIP-HS

ECG
7064

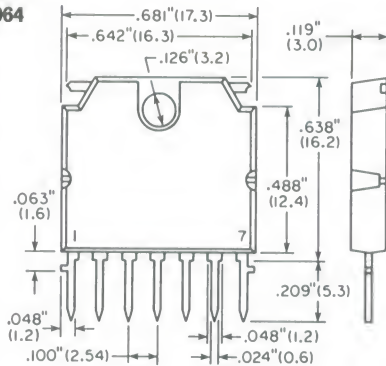


Fig. L79

9-Pin SIP-HS

ECG
7052

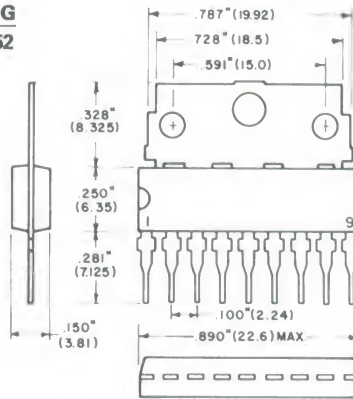


Fig. L79A

9-Pin SIP-HS

ECG
7046
7073

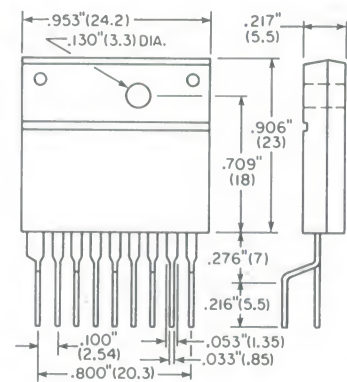


Fig. L80B

9-Pin SIP-HS

ECG
7056

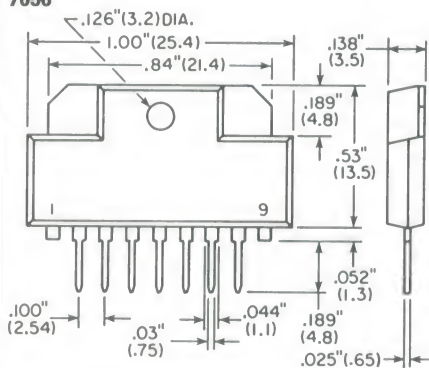


Fig. L92

12-Pin SIP-HS

ECG
7040
7061

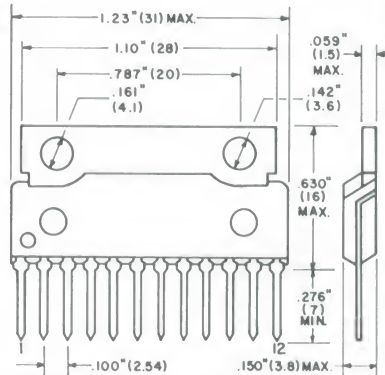


Fig. L92A

12-Pin SIP-HS

ECG
7068 7070

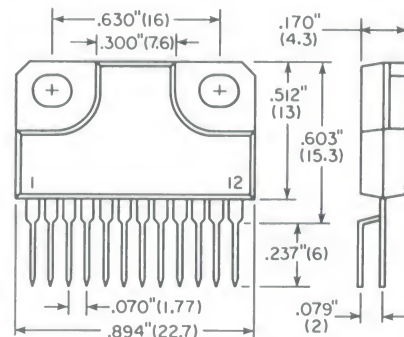


Fig. L92B

13-Pin SIP-HS

ECG
7039

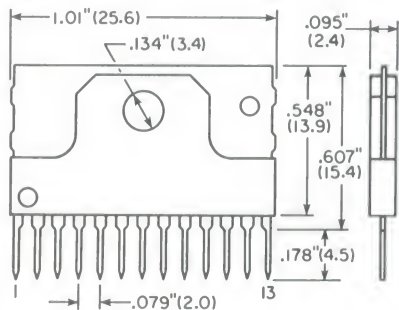


Fig. L93

11-Pin SIP-HS

ECG
7053

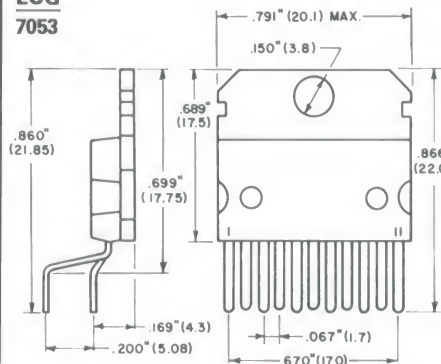


Fig. L93A

15-Pin SIP-HS

ECG
7071

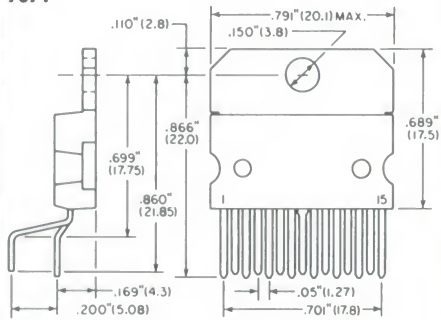


Fig. L93C

16-Pin SIP-HS

ECG
7059

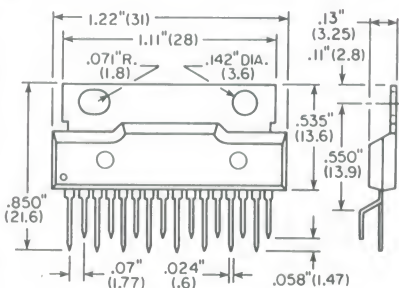


Fig. L97

8-Pin DIP

ECG
891M 7051

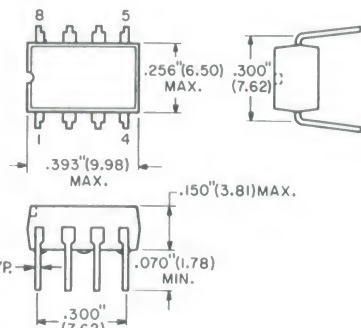
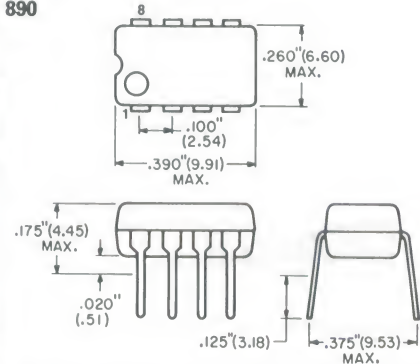


Fig. L98

8-Pin DIP

ECG
890



IC and Module Outlines (cont'd)

Fig. L111

16-Pin DIP

ECG
2033

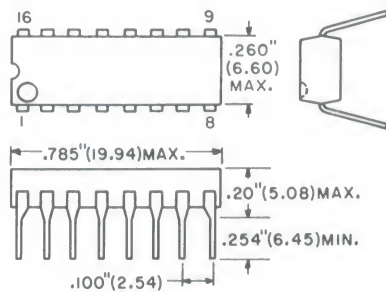


Fig. L112

16-Pin DIP

ECG
7050

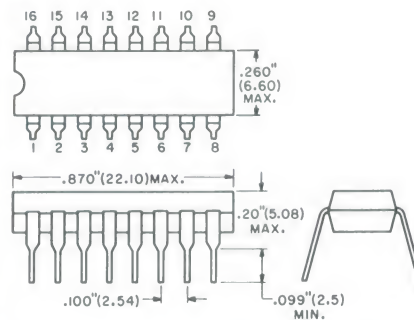


Fig. L115

18-Pin DIP

ECG
7072

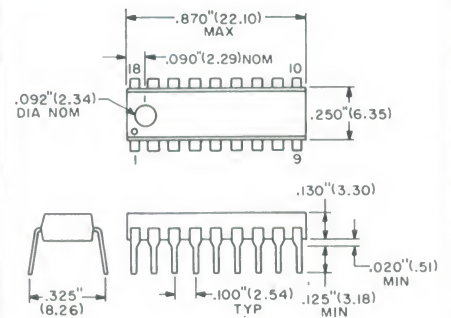


Fig. L118A

20-Pin DIP

ECG
7048 7062

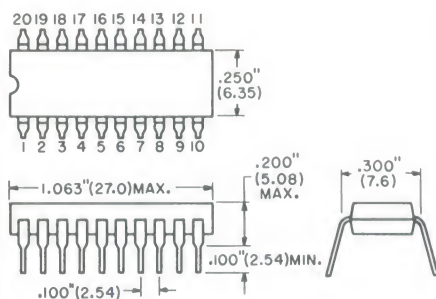


Fig. L121A

22-Pin DIP

ECG
7063

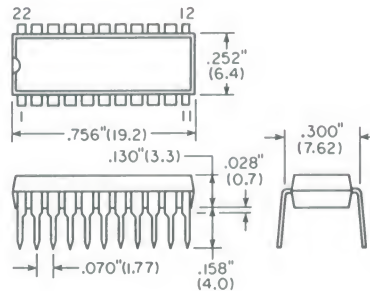


Fig. L122

24-Pin DIP

ECG
7049

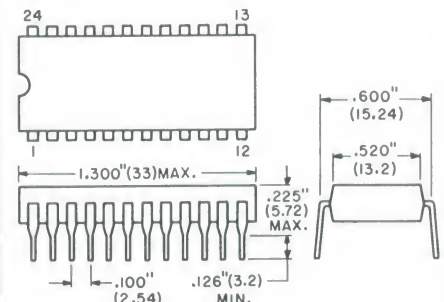


Fig. L124

28-Pin DIP

ECG
7047

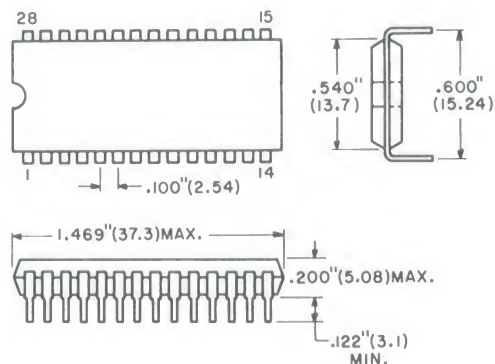


Fig. L124D

36-Pin DIP

ECG
7065

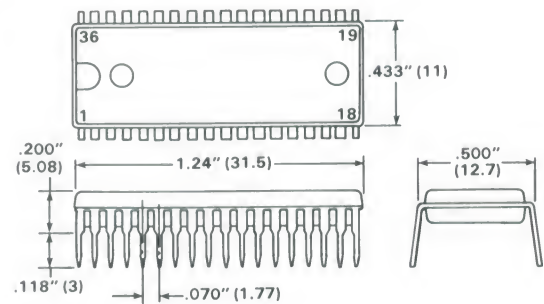


Fig. L126B

64-Pin DIP

ECG
7058

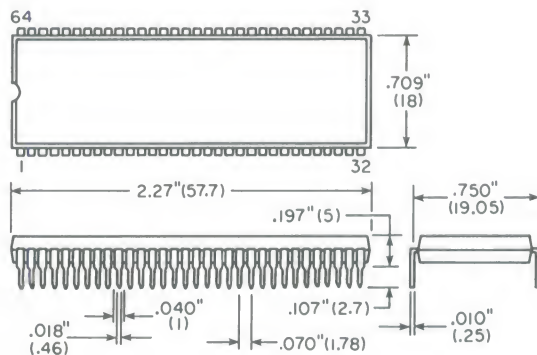
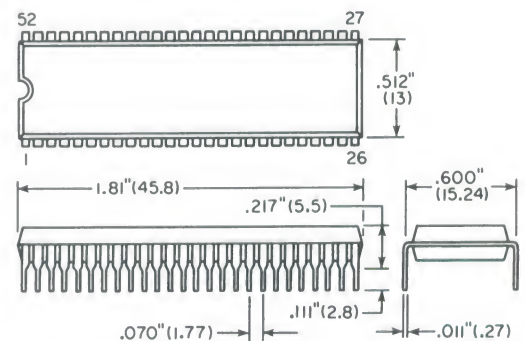


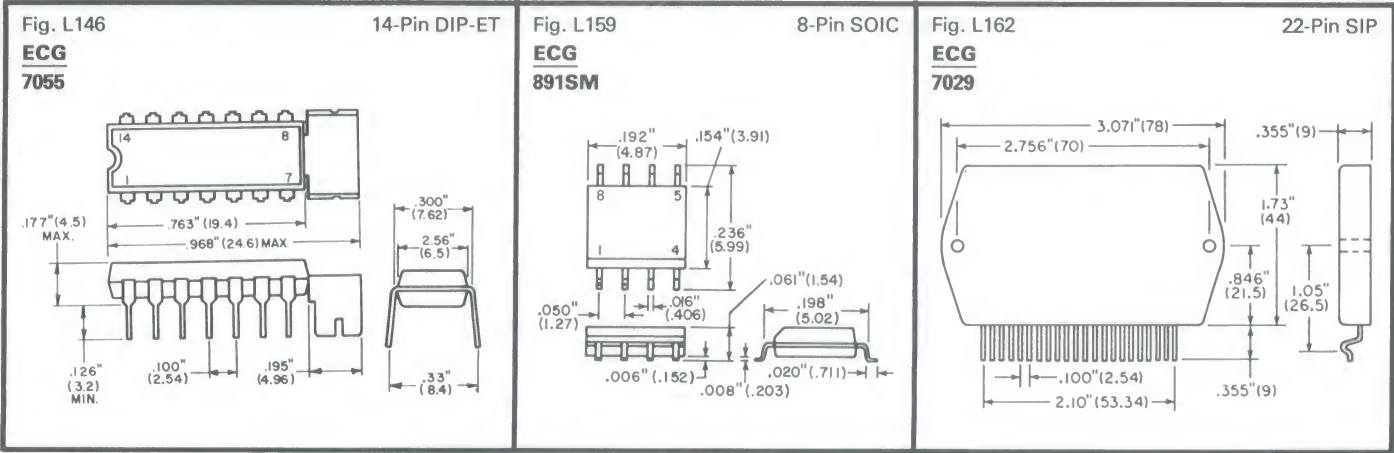
Fig. L126C

52-Pin DIP

ECG
7054 7060



IC and Module Outlines (cont'd)



Cross Reference – Additions/Changes

09-302166 through 2SD2251

To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement
09-302166	2347	2N2657	2347	2SA564ATAORS	290A	2SC213	2347	2SC4123	2353	2SD79D	2347/427	2SD42525B555(MCP)	281MCP
029-PE	2347	2N2658	2347	2SA564TAOR	290A	2SC214	2347	2SC4124	2353	2SD42525B555(MCP)	281MCP	2SD42525B555(MCP)	281MCP
082-1(NAP-IC)	815	2N2849	2347	2SA719TAOR	290A	2SC215	2347	2SC4125	2353	2SD558	2351	2SD558	2351
082-2(NAP-IC)	815	2N2849-1	2347	2SA909	68	2SC223	2347	2SC4131	2353	2SD601AQRW	2408	2SD601AQRW	2408
082-3(NAP-IC)	815	2N2850	2347	2SA933SRN	290A	2SC224	2347	2SC4138	2353	2SD638PQR	18	2SD638PQR	18
082-4(NAP-IC)	815	2N2850-1	2347	2SA940R-E(LB-SAN-5)	398	2SC225	2347	2SC4139	2353	2SD797	387	2SD797	387
0847TOR402	15020	2N2851	2347	2SA1216	59	2SC234	2347	2SC4199A	2354	2SD797-Y	387	2SD797-Y	387
0847TR2501	15019	2N2851-1	2347	2SA1262(Audio)	242	2SC235	2347	2SC4232	2348	2SD811	2310	2SD811	2310
0IT0820000A	7068	2N2852	2347	2SA1310	2362	2SC235-O	2347	2SC4235	2348	2SD882PM	184	2SD882PM	184
1-806-672-11	7055	2N2852-1	2347	2SA1310R	2362	2SC235V	2347	2SC4236	2348	2SD1142	389	2SD1142	389
1A0013	2347	2N2853	2347	2SA1333	93	2SC291	2347	2SC4237	2348	2SD1143	238	2SD1143	238
1A02100-01A	2343	2N2853-1	2347	2SA1386	2306	2SC292	2347	2SC4296	2308	2SD1173	2302	2SD1173	2302
1G4B1	5304	2N2854	2347	2SA1488A	292	2SC293	2347	2SC4297	2308	2SD1174	2302	2SD1174	2302
1J4B1	5305	2N2854-1	2347	2SA1492	2329	2SC310	2347	2SC4298	2308	2SD1175	2302	2SD1175	2302
1N469	5011A	2N2855	2347	2SA1643	378	2SC310B	2347	2SC4299	2308	2SD1208	235	2SD1208	235
1N469A	5011A	2N2855-1	2347	2SA1667	398	2SC310C	2347	2SC4300	2309	2SD1260	253	2SD1260	253
1N3506	5005A	2N2856	2347	2SA1670	391	2SC310D	2347	2SC4301	2309	2SD1260AR	253	2SD1260AR	253
1N3507	5006A	2N2856-1	2347	2SA1671	37	2SC310E	2347	2SC4302	2309	2SD1260R	253	2SD1260R	253
1N3508	5007A	2N2890	2347	2SA1672	37	2SC369	2347	2SC4303	2324	2SD1261	253	2SD1261	253
1N3509	5008A	2N2891	2347	2SA1693	391	2SC669A	2347	2SC4303A	2324	2SD1261A	253	2SD1261A	253
1N4086	587	2N2896	2347	2SA1694	37	2SC697	2347/427	2SC4309	2348	2SD1261AR	253	2SD1261AR	253
1N4933	569	2N2983	2347	2SA1725	55	2SC697A	2347/427	2SC4312	2348	2SD1261R	253	2SD1261R	253
1N4933GP	569	2N2985	2347	2SA1726	55	2SC697AB	2347/427	2SC4313	2348	2SD1450	2361	2SD1450	2361
1N4934	569	2N3055A	284	2SB641-QR	17	2SC697AD	2347/427	2SC4352	2348	2SD1456	2302	2SD1456	2302
1N4934GP	569	2N3262	2347	2SB641ORS	17	2SC697AE	2347/427	2SC4352K	2348	2SD1484K	2410	2SD1484K	2410
1N4935	569	2N3418	2347	2SB641-R	17	2SC697AF	2347/427	2SC4352L	2348	2SD1548	2354	2SD1548	2354
1N4935GP	569	2N3419	2347	2SB641RS	17	2SC697AH	2347/427	2SC4352M	2348	2SD1649-CTV-YB	2331	2SD1649-CTV-YB	2331
1N4936	569	2N3420	2347	2SB641S	17	2SC697AJ	2347/427	2SC4352N	2348	2SD1706(Audio)	2305	2SD1706(Audio)	2305
1N4936GP	569	2N3421	2347	2SB709AQRW	2409	2SC697B	2347/427	2SC4352P	2348	2SD1706R(Audio)	2305	2SD1706R(Audio)	2305
1N4937	569	2N3439S	396	2SB852K	2405	2SC697C	2347/427	2SC4352Q	2348	2SD1710	2302	2SD1710	2302
1N4937GP	569	2N3506	2347	2SB897	271	2SC697D	2347/427	2SC4352R	2348	2SD1781K	2406	2SD1781K	2406
1N5059	506	2N3507	2347	2SB937	254	2SC697E	2347/427	2SC4352S	2348	2SD1782K	2410	2SD1782K	2410
1N5059GP	506	2N3831	2347	2SB937A	254	2SC697F	2347/427	2SC4352T	2348	2SD1791	270	2SD1791	270
1N5060	506	2N4000	2347	2SB937AR	254	2SC697H	2347/427	2SC4352U	2348	2SD1793	270	2SD1793	270
1N5061	506	2N4001	2347	2SB937R	254	2SC697I	2347/427	2SC4352V	2348	2SD1795	2316	2SD1795	2316
1N5061GP	506	2N4260	395	2SB938	254	2SC697J	2347/427	2SC4352W	2348	2SD1849	2353	2SD1849	2353
1N5062	506	2N4304	2347	2SB938A	254	2SC697K	2347/427	2SC4352X	2348	2SD1880	2353	2SD1880	2353
1N5062GP	506	2N4877	2347	2SB938AR	254	2SC697L	2347/427	2SC4352Y	2348	2SD1881	2353	2SD1881	2353
1S2222	555A	2N4895	2347	2SB938R	254	2SC697M	2347/427	2SC4352Z	2348	2SD1887	2354	2SD1887	2354
1S2692	555A	2N4896	2347	2SB1050	12	2SC697N	2347/427	2SC4352	2348	2SD1959	2354	2SD1959	2354
1S2692A	555A	2N4897	2347	2SB1050P	12	2SC697O	2347/427	2SC4352	2348	2SD2014	2326	2SD2014	2326
1SR77-200	569	2N4924	2347	2SB1050Q	12	2SC697P	2347/427	2SC4352	2348	2SD2015	2326	2SD2015	2326
1SR77-400	569	2N5148	2347	2SB1050R	12	2SC697Q	2347/427	2SC4352	2348	2SD2024	261	2SD2024	261
1SR77-600	569	2N5150	2347	2SB1154(Audio)	2306	2SC697R	2347/427	2SC4352	2348	2SD2025	261	2SD2025	261
1SS103	555A	2N5152	2347	2SB1154R(Audio)	2306	2SC697S	2347/427	2SC4352	2348	2SD2032	261	2SD2032	261
1SS136	519	2N5154	2347	2SB1155(Audio)	2306	2SC697T	2347/427	2SC4352	2348	2SD2033	261	2SD2033	261
1SS137	519	2N5189	2347	2SB1187	378	2SC697U	2347/427	2SC4352	2348	2SD2033A	375	2SD2033A	375
1SS138	519	2N5320	2347	2SB1198K	2411	2SC697V	2347/427	2SC4352	2348	2SD2035	152	2SD2035	152
1T76	56010#	2N5321	2347	2SB1257	262	2SC697W	2347/427	2SC4352	2348	2SD2036	152	2SD2036	152
1T78	56010#	2N5334	2347	2SB1259	244	2SC697X	2347/427	2SC4352	2348	2SD2037	377	2SD2037	377
1T86	56010#	2N5336	2347	2SB1351	2344	2SC697Y	2347/427	2SC4352	2348	2SD2038	152	2SD2038	152
1T88	56010#	2N5337	2347	2SB1353	398	2SC697Z	2347/427	2SC4352	2348	2SD2039	261	2SD2039	261
1T710	56010#	2N5338	2347	2SB1353A	398	2SC697	2347/427	2SC4352	2348	2SD2040	54	2SD2040	54
1T715	56010#	2N5339	2347	2SB1355	378	2SC697	2347/427	2SC4352	2348	2SD2042	2336	2SD2042	2336
1T810	56010#	2N5488	2347	2SB1356	378	2SC697	2347/427	2SC4352	2348	2SD2043	2343	2SD2043	2343
1T815	56010#	2N5488-1	2347	2SB1357	378	2SC697	2347/427	2SC4352	2348	2SD2044	56	2SD2044	56
1X1712CE	7010	2N5729	2347	2SB1358	378	2SC697	2347/427	2SC4352	2348	2SD2057LB	2302	2SD2057LB	2302
2B1155R(Audio)	2306	2N5734	2347	2SB1359	262	2SC697	2347/427	2SC4352	2348	2SD2081	2343	2SD2081	2343
2N2033	2347	2N5785	2347	2SB1360	55	2SC697	2347/427	2SC4352	2348	2SD2096	152	2SD2096	152
2N2034	2347	2N5786	2347	2SB1367	55	2SC697	2347/427	2SC4352	2348	2SD2140P	36	2SD2140P	36
2N2347	2347	2N6156	5618	2SB1496	378	2SC697	2347/427	2SC4352	2348	2SD2251	2353	2SD2251	2353
2N2405	2347	2N6254	284	2SB1512	262	2SC697	2347/427	2SC4352	2348				
2N2405L	2347	2N6560	2319	2SB1514	262	2SC697	2347/427	2SC4352	2348				
2N2405S	2347	2SA564ARS	234	2SC106	2347	2SC697	2347/427	2SC4352	2348				

General Cross Reference Section Notes:

- Numbers in () indicates the number of replacement devices required to replace original type.
- / numbers indicate more than one ECG type required for this application.
- (CP) — Complementary Pair.
- When a specific device part number is not listed in the directory, refer to the technical data for the ECG device of that type to find an equivalent replacement.
- When basing of original part differs from ECG replacement, basing for original part is shown in parentheses () after the part number. For example, the 2SA509A(ECB) is replaced by ECG159 which has "EBC" basing.

To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement
25D2252	2354#	46-133389-3	3092	407-054-4808	5022A	1816-0916	74S288	1820-0989	74179	1820-1412	4556B	1820-1661	4089B
25D2306	261#	46-133692-3	3092#	407-070-8408	5018A	1816-0917	74S387	1820-0990	75189	1820-1413	4556B	1820-1662	4094B
25D2307	261#	46-133693-3	3043	407-088-6502	587	1816-0918	74S570	1820-0991	74S153	1820-1414	74LS12	1820-1663	4095B
25K311	2391#	46-721829-3	891M	407-124-5202	580	1816-0919	74S474	1820-1016	75453B	1820-1415	74LS13	1820-1664	4096B
25K349	2391#	46-861263-3	587	407-124-5506	587	1816-0931	74S573	1820-1049	74367	1820-1416	74LS14	1820-1665	4096B
25K350	2394	46-861263-3	558	407-124-5605	587	1816-1032	74S288	1820-1066	7411	1820-1417	74LS26	1820-1668	74LS74A
25K399	2394#	46-861317-3	5030A	407-124-5803	580	1816-1054	74S454	1820-1079	4501	1820-1418	74LS42	1820-1672	4077B
25K400	2393#	46-861336-3	5020A	407-124-6404	552	1816-1137	74S287	1820-1081	6880	1820-1419	74LS85	1820-1674	74C30
25K405	2393#	46-861627-3	2331	409-020-4409	1774	1816-1142	74S474	1820-1113	8553	1820-1420	74LS92	1820-1683	4541B
25K412	2394	46-861634-3	552	409-042-9000	74LS156	1816-1153	74S288	1820-1114	4516B	1820-1422	74LS122	1820-1688	74LS247
25K413	2393#	46-861649-3	2361	409-047-5700	1872	1816-1160	74S478	1820-1121	74125	1820-1423	74LS123	1820-1729	74LS259
25K414	2393#	46-861717-3	577	409-047-8602	1778	1816-1162	74S478	1820-1122	4518B	1820-1424	74LS124	1820-1732	74LS138
25K527	2389#	46-861718-3	580	409-135-5407	7069	1816-1163	74S474	1820-1123	9334	1820-1425	74LS132	1820-1733	74LS175
25K532	2389#	46-861720-3	5006A	409-135-5407	1863	1816-1174	74S188	1820-1137	9809	1820-1426	74LS145	1820-1735	74C42
25K549	2390	46-861864-3	586	409-173-2802	7039	1816-1382	74S571	1820-1143	8552	1820-1427	74LS156	1820-1745	4001B
25K551	2388	46-861868-3	5018A	416-1(RCA)	377	1816-1436	74S288	1820-1144	74LS02	1820-1428	74LS158	1820-1746	4049
25K556	2394	46-862557-3	5047A	445-1(MAG)	123A	1816-1467	74S573	1820-1150	4520B	1820-1429	74LS160A	1820-1747	4011B
25K557	2394	46-862559-3	5424	554-2(NAP)	399	1816-1468	74S288	1820-1175	4522B	1820-1430	74LS161A	1820-1753	74C74
25K559	2394#	46-862611-3	145A	554-3(NAP)	399	1816-1482	74S571	1820-1176	4015B	1820-1431	74LS162A	1820-1784	74LS91
25K560	2394#	46-862612-3	5021A	559-1(NAP)	2393	1816-1556	74S478	1820-1189	4510B	1820-1432	74LS163A	1820-1787	7427
25K573	2394#	46-862613-3	5010A	559-2(NAP)	2393#	1816-1572	74S472	1820-1191	74173	1820-1433	74LS164	1820-1793	8308
25K600	2389	46-862614-3	5011A	559-3(NAP)	2393#	1816-1574	74S454	1820-1193	74LS197	1820-1434	74LS221	1820-1795	861
25K641	2389	46-862615-3	5010A	559-5(NAP)	2393	1816-1578	74S288	1820-1194	74LS193	1820-1437	74LS227	1820-1806	74C85
25K642	2394	46-862616-3	5010A	559-6(NAP)	2393	1816-1655	2107	1820-1194	74LS193	1820-1439	74LS257	1820-1813	4027B
25K643	2394	46-862633-3	5332	577-1(NAP)	2394	1818-0198	2102	1820-1195	74LS175	1820-1440	74LS258	1820-1815	4517B
25K644	2394	46-862634-3	536A	577-2(NAP)	2394#	1818-0317	2104	1820-1196	74LS174	1820-1441	74LS263	1820-1821	74LS113
25K673	2389#	46-862642-3	5021A	582-2(NAP)	2331	1818-0340	2117	1820-1197	74LS00	1820-1442	74LS290	1820-1827	74C154
25K674	2389	46-862651-3	5014A	583-2(NAP)	2331	1818-0498	2116	1820-1198	74LS03	1820-1443	74LS293	1820-1828	6889
25K682	2394	46-862652-3	5015A	590	8166	1818-0762	2532	1820-1199	74LS04	1820-1444	74LS298	1820-1845	5629#
25K683	2394	46-862653-3	5007A	597-1(NAP)	2353	1818-0794	2716	1820-1200	74LS08	1820-1445	74LS306A	1820-1851	74LS148
25K723	2393	46-862796-3	5035A	597-2(NAP)	6240	1818-0850	2117	1820-1201	74LS08	1820-1447	74LS307	1820-1858	74LS377
25K724	2394	46-862857-3	5031A	605-1(NAP-Rect)	6240	1818-1396	2117	1820-1202	74LS10	1820-1448	74S09	1820-1859	74LS280
25K725	2394#	46-862858-3	2324#	605-2(NAP-Rect)	6244	1818-1467	2117	1820-1203	74LS11	1820-1459	74170	1820-1864	8212
25K735	2394	48-40531T01	555A	606-1(NAP-Bridge)	5315	1818-1559	2164	1820-1204	74LS20	1820-1463	74390	1820-1874	8556
25K755	2394#	48X0233A17	555A	606-2(NAP-Bridge)	5315	1818-1589	2164	1820-1205	74LS21	1820-1464	74393	1820-1881	4097B
25K761	2394#	50P1S	55701	610-009-2402	5018A	1818-1611	2128	1820-1206	74LS27	1820-1465	74490	1820-1884	6887
25K762	2391	50P1SF	55751	614-1(NAP)	67	1818-1633	2732	1820-1207	74LS30	1820-1466	74C174	1820-1885	74LS173
25K764	2393#	50P2S	55701	615-2(NAP)	157#	1818-1648	2732	1820-1208	74LS32	1820-1468	8542	1820-1889	74LS256
25K764A	2393#	50P2SF	55751	616-1(NAP)	186A	1818-1721	2732	1820-1209	74LS33	1820-1469	74LS308	1820-1912	74LS00
25K765	2393#	50P3S	55721	617-1(NAP)	187A	1818-1747	2764	1820-1210	74LS31	1820-1470	74LS157	1820-1892	74LS367
25K767	2385#	50P3SF	55771	618-1(NAP)	2393	1818-1755	2732	1820-1211	74LS86	1820-1471	4539B	1820-1897	4024B
25K768	2393#	50P4S	55721	618-2(NAP)	2393#	1818-1756	2102	1820-1212	74LS122	1820-1472	4539B	1820-1898	4021B
25K769	2393#	50P4SF	55771	618-3(NAP)	2393#	1818-1758	2102	1820-1213	74LS13	1820-1473	6885	1820-1899	4516B
25K770	2387	50P5S	55721	618-4(NAP)	2393#	1818-1888	2532	1820-1214	74126	1820-1478	74LS93	1820-1900	4520B
25K783	2394	50P5SF	55771	619-1(NAP)	157#	1818-1966	2764	1820-1215	74LS136	1820-1479	4553B	1820-1903	8368
25K788	2394	50P6S	55721	621-1(NAP)	2394#	1818-1982	2732	1820-1216	74LS138	1820-1483	4071B	1820-1905	74LS260
25K789	2394#	50P6SF	55771	621-2(NAP)	2394#	1818-1999	2764	1820-1217	74LS151	1820-1485	74C221	1820-1907	4077B
25K790	2394#	50P7SF	55691	621-3(NAP)	2394#	1818-3005	2164	1820-1230	75491B	1820-1486	4081B	1820-1908	4070B
25K806	2387#	50P8S	55741	621-4(NAP)	2394#	1818-3006	2164	1820-1231	75492B	1820-1488	4081B	1820-1909	4075B
25K819	2394	50P8SF	55791	624-1(NAP)	2410	1818-3023	2732	1820-1238	74LS253	1820-1490	74LS90	1820-1910	4073B
25K825	2394#	50P10S	55741	624-2(NAP)	2411	1818-3059	2164	1820-1240	74LS136	1820-1491	74LS309	1820-1912	4042B
25K829	2394#	50P12S	55741	629-1(NAP-IC)	7067	1818-3153	2128	1820-1241	74LS138	1820-1492	74LS368	1820-1914	74LS174
25K859	2394#	57C5-28(MCP)	159MCP	646-1(RCA)	888	1818-3183	4256	1820-1243	74LS15	1820-1494	4020B	1820-1917	74LS240
25K867	2394#	60-1-CA3030	908	646-4(RCA)	868	1818-3308	4256	1820-1244	74LS153	1820-1495	4040B	1820-1918	74LS241
25K867A	2394	66F-159-2	523/3306	66F-159-2	1765	1818-3383	2732	1820-1245	74LS155	1820-1496	4027B	1820-1922	74LS166
25K869	2394#	66F-159-3	523/3306	672(NAP-IC)	999	1818-3483	2164	1820-1246	74LS09	1820-1497	4013B	1820-1930	4078B
25K873	2394	74LS364N	74LS364	686-1(NAP-IC)	7066	1818-4099	2128	1820-1250	74136	1820-1501	4042B	1820-1931	4068B
25K874	2394	78M06C	962	713-1(NAP-IC)	891M	1820-0081	9911	1820-1251	74LS196	1820-1502	4015B	1820-1932	4538B
25K875	2394	78M08C	964	713-2(NAP-IC)	891M	1820-0158	924	1820-1254	74365	1820-1504	4016B	1820-1936	4093B
25K876	2394	78M15C	968	733-1(RAM)	2102	1820-0162	909	1820-1255	74366	1820-1505	4016B	1820-1936	4093B
25K996	2387#	78M24C	972	761-1(NAP-IC)	1852	1820-0203	9411	1820-1256	74367	1820-1506	4024B	1820-1936	4093B
25K1331	2394#	86-1-261-15AM	292#	780-12(NAP-IC)	5351A	1820-0214	7442	1820-1258	74178	1820-1508	4017B	1820-1956	4042B
3H81-00050-001	7066	95KUBA0015AM	292#	817-1(NAP-IC)	7054	1820-0216	9411M	1820-1259	74179	1820-1512	4028B	1820-1958	4016B
3H82-00020-000	966	95KUBA0036MZ	2326	845-1(NAP-IC)	4256	1820-0217	9411M	1820-1260	74221	1820-1514	4014B	1820-1959	4050B
3H82-00030-003	54	95KUBD0115AZ	5011A	867-1(NAP-IC)	1799	1820-0308	9945	1820-1262	74290	1820-1515	4556B	1820-1960	4012B
3H83-00050-000	1754	95KUBD0128AZ	5027A	876-1(NAP-IC)	7039	1820-0346	9933	1820-1264	74293	1820-1516	4555B	1820-1961	4023B
3H84-00040-004	376	95KUBD0429BZ	5011T1	903-65	110A	1820-0350	9961	1820-1265	4527B	1820-1518	74S00	1820-1962	4028B
4-602-57	129MCP	95KUBDAC5R6B	5011A	903-734	519	1820-0374	74H21	1820-1271	74143	1820-1519	9663	1820-1963	4013B
5KQ30	6083	95KUBDAS5R6B	5011A	903-830	116	1820-0427	973	1820-1272	74143	1820-1519	9663	1820-1963	4013B
5KQ40	6083	98M2SC1318-R1	289A	903-864	519	1820-0439	9933	1820-1273	74LS28	1820-1521	4050B	1820-1965	4025B
8-719-901-13	5313	903-865	523/3306	903-883	519	1820-0443	7414	1820-1274	74LS22	1820-1525	4008B	1820-1970	4071B
8-728-802-09	2348	100-1A(RCA)	2343	903-970	5312	1820-0450	74196	1820-1276	74LS194A	1820-1526	4028B	1820-1975	74LS165

To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement
1820-2206	74LS640	1820-3545	80C96	1826-0348	990	1826-1292	922M	4822-209-10248	4013B	4835-130-47001	5021A	4835-209-87168	858M
1820-2210	74C00	1820-3546	74HC299	1826-0353	951	1826-1299	960	4822-209-10263	4052B	4835-130-47025	379#	4835-209-87177	950
1820-2211	74C04	1820-3564	74HC174	1826-0354	954	1826-1315	825	4822-209-30165	960	4835-130-47035	2336	4835-209-87179	4053B
1820-2212	74C04	1820-3587	40194B	1826-0355	954M	1826-1326	701B	4822-209-30171	960	4835-130-47068	2336	4835-209-87181	74HC00
1820-2213	74C32	1820-3609	4048B	1826-0357	937	1826-1328	778A	4822-209-30175	1819	4835-130-47083	489	4835-209-87248	3105
1820-2215	74C373	1820-3629	74HC704	1826-0373	955M	1826-1343	999M	4822-209-30185	960#	4835-130-47092	2393#	4835-209-87252	977
1820-2216	74C374	1820-3630	74HC7240	1826-0391	941	1826-1352	1720	4822-209-60826	961#	4835-130-47097	2331	4835-209-87259	960#
1820-2220	4076B	1820-3664	74HC700	1826-0393	956	1826-1383	1913	4822-209-60853	7047	4835-130-47112	2407	4835-209-87261	834
1820-2222	4094B	1820-3673	74HC123	1826-0396	968	1826-1387	964	4822-209-60955	1567	4835-130-47116	2407	4835-209-87262	928M
1820-2223	4032B	1820-3674	74HC125	1826-0399	829	1826-1398	857M	4822-209-60956	7051	4835-130-47124	2394	4835-209-87263	834
1820-2224	4038B	1820-3692	74HC4053	1826-0410	859	1826-1439	955M	4822-209-62059	1854M	4835-130-47127	2418	4835-209-87264	615A
1820-2225	4041	1820-3694	74LS174	1826-0411	4535B	1826-1448	872	4822-209-62069	1862	4835-130-47128	2418	4835-209-87268	1766
1820-2226	4045B	1820-3696	74HC123	1826-0412	943M	1826-1471	964#	4822-209-62091	964#	4835-130-47129	2408	4835-209-87271	1716
1820-2228	4044B	1820-3719	4051B	1826-0418	967	1826-1499	1908	4822-209-71463	4555B	4835-130-47137	85	4835-209-87274	960#
1820-2229	4512B	1820-3785	74HC163	1826-0419	876	1826-1506	834	4822-209-71489	1657	4835-130-47139	2337	4835-209-87275	958#
1820-2230	4047B	1820-3789	74HC574	1826-0428	1720	1826-1507	1722	4822-209-71776	7050	4835-130-47142	2408	4835-209-87277	4052B
1820-2231	4031B	1820-3790	74HC573	1826-0431	2055	1826-1551	919D	4822-209-71901	977	4835-130-47145	2407	4835-209-87283	966#
1820-2232	4034B	1820-3837	74LS164	1826-0433	937M	1826-1569	1720	4822-209-72368	7061	4835-130-47147	2409	4835-209-87338	969
1820-2233	4099B	1820-3839	74508	1826-0434	964	1826-1572	9435M	4822-209-72491	1634	4835-130-47173	159	4835-209-87406	1789
1820-2237	74LS132	1820-3840	74502	1826-0435	966	1826-1577	1761	4822-209-72804	815	4835-130-47225	2337	4835-209-87544	977
1820-2244	74LS32	1820-3847	74HC7136	1826-0436	971	1826-1594	922M	4822-209-73037	1866	4835-130-47226	253	4835-209-87552	1906
1820-2258	80C97	1820-3857	74HC7136	1826-0440	961	1826-1600	961	4822-209-73112	2337	4835-130-47227	2337	4835-209-87552	1617
1820-2258	40174B	1820-3849	74HC7373	1826-0449	965	1826-1601	999M	4822-209-73954	967#	4835-130-47232	19	4835-209-87668	977
1820-2264	4040B	1820-3866	4052B	1826-0456	953	1826-1602	955M	4822-209-80401	778A	4835-130-47235	85	4835-209-87675	891M
1820-2265	4008B	1820-3940	74HC7174	1826-0464	968	1826-1622	859M	4822-209-80591	956	4835-130-47238	12#	4835-209-87692	74LS221
1820-2268	74LS645	1820-3952	74LS161A	1826-0483	954	1826-1627	858M	4822-209-80775	955M	4835-130-47247	290A	4835-209-87721	74HC166
1820-2274	2087	1820-3953	74574	1826-0484	953	1826-1636	857M	4822-209-80808	968	4835-130-47251	21	4835-209-87744	7043
1820-2275	74C90	1820-3954	74LS123	1826-0486	4052B	1826-1643	999M	4822-209-80891	960	4835-130-47252	153#	4835-209-87748	7042
1820-2279	40175B	1820-3956	74LS32	1826-0491	937M	1826-1651	927	4822-209-81726	966	4835-130-47253	85	4835-209-87763	987
1820-2304	74LS32	1820-4152	74HC7136	1826-0493	938M	1826-1739	918M	4822-209-82056	9143	4835-130-47256	85	4835-209-87793	1902
1820-2305	74LS132	1820-4166	40183B	1826-0495	4053B	1826-1775	834	4822-209-82069	4066B	4835-130-47261	2355	4835-209-87803	1729
1820-2309	74C923	1820-4208	74HC737	1826-0502	4066B	1826-1811	858M	4835-130-37001	5021T1	4835-130-47265	13	4835-209-87821	977
1820-2330	4068B	1820-4253	75189	1826-0515	924	1826-1813	928M	4835-130-37005	5069A	4835-130-47266	56#	4835-209-87826	7044
1820-2331	4078B	1820-4575	74LS253	1826-0519	857M	1826-1822	1681	4835-130-37007	5011T1	4835-130-47269	2419	4835-209-87827	966
1820-2346	74LS221	1820-4840	9615	1826-0521	858M	1826-1862	858M	4835-130-37008	5013T1	4835-130-47271	290A	4835-209-87834	1765
1820-2351	7438	1820-4944	1749	1826-0522	859	1826-1887	1888	4835-130-37015	5068A	4835-130-47272	290A	4835-209-87835	1852
1820-2369	74LS629	1820-4648	74LS374	1826-0523	911	1826-1893	978M	4835-130-37017	5010A	4835-130-47275	85	4835-209-87837	7054
1820-2383	4569B	1820-4649	74LS245	1826-0524	987	1826-1915	941M	4835-130-37031	5019T1	4835-130-47278	261#	4835-209-87846	891M
1820-2384	74LS399	1820-4653	74LS164	1826-0527	957	1826-1993	963	4835-130-37033	5019T1	4835-130-47353	2357	4835-209-87851	1771
1820-2444	4562B	1820-6571	1853	1826-0534	966	1826-2035	937M	4835-130-37109	580	4835-130-47397	2358	4835-209-87852	1855
1820-2460	74LS169A	1820-6828	1690	1826-0546	927	1826-2035	2057	4835-130-37137	5018A	4835-130-47422	294	4835-252-27003	15020
1820-2462	4513B	1820-7679	74LS163A	1826-0555	947	1826-2043	1942	4835-130-37138	5077A	4835-130-47424	290A	4835-252-27005	15021
1820-2464	74LS164	1820-7680	74LS163A	1826-0557	948	1826-2129	961	4835-130-37141	5014A	4835-130-47427	290A	4835-209-87016	961
1820-2473	2085	1820-1013	941	1826-0559	1924	1826-2161	864	4835-130-37143	5019T1	4835-130-47428	2357	5082-2811	584
1820-2487	4056B	1826-0021	924	1826-0565	1729	2057A100-69(MCP)	290A(MCP)	4835-130-37144	5018A	4835-130-47429	85	5101L-1	65101
1820-2536	74LS352	1826-0026	922	1826-0586	988	3052V	1934X	4835-130-37146	519	4835-130-47433	382	5322-130-24081	5466#
1820-2537	74C244	1826-0035	938	1826-0592	928	3283-00160-000	1895	4835-130-37147	587	4835-130-47435	85	5322-130-30684	116
1820-2538	74C240	1826-0041	914	1826-0599	4566B	4822-130-30842	177	4835-130-37148	5332	4835-130-47436	85	5322-130-31504	5005A
1820-2540	74C925	1826-0043	937	1826-0611	928M	4822-130-31253	5000A	4835-130-37149	588	4835-130-47439	2358	5322-130-31971	580
1820-2566	74C240	1826-0045	1171	1826-0617	968	4822-130-31274	3007	4835-130-37151	552	4835-130-47441	2361	5322-130-32184	588
1820-2571	4569B	1826-0059	1171	1826-0620	971	4822-130-31393	552	4835-130-37153	116	4835-130-47442	290A	5322-130-32365	5072A
1820-2576	74LS27	1826-0067	922M	1826-0626	976	4822-130-31456	587	4835-130-37203	5019T1	4835-130-47461	2358	5322-130-38605	580
1820-2580	74LS27	1826-0068	976	1826-0631	970	4822-130-31607	587	4835-130-37212	519	4835-130-47462	85	5322-130-34563	5002A
1820-2580	74LS27	1826-0078	908	1826-0637	1720	4822-130-31878	116	4835-130-37216	5006A	4835-130-47471	2359#	5322-130-34574	116
1820-2581	74LS27	1826-0081	918	1826-0640	887M	4822-130-31933	125	4835-130-37217	5007A	4835-130-47476	157#	5322-130-41899	969
1820-2582	74LS27	1826-0090	941	1826-0649	967	4822-130-31981	5007A	4835-130-37218	5008A	4835-130-47477	290A	5322-130-41981	2408
1820-2583	74LS27	1826-0099	966	1826-0655	1508	4822-130-32213	588	4835-130-37222	5013T1	4835-130-47478	2362	5322-130-41982	2408
1820-2584	74LS32	1826-0100	947D	1826-0666	834	4822-130-32472	3010	4835-130-37223	5014A	4835-130-47479	2359	5322-130-41983	2409
1820-2585	74LS38	1826-0106	968	1826-0667	857M	4822-130-32478	5014A	4835-130-37226	5015A	4835-130-47481	2415	5322-130-42012	2409
1820-2586	7416	1826-0111	778A	1826-0668	937	4822-130-32574	519	4835-130-37229	5025A	4835-130-47486	2414	5322-130-42363	263
1820-2587	74LS32	1826-0117	914	1826-0671	937	4822-130-32693	5022A	4835-130-37231	5025A	4835-130-47487	2415	5322-130-42363	263
1820-2588	4060B	1826-0120	992	1826-0678	928	4822-130-32778	519	4835-130-37232	5025A	4835-130-47502	378#	5322-130-44413	373
1820-2600	96LS20	1826-0122	962	1826-0682	823	4822-130-33661	519	4835-130-37239	552	4835-130-47503	107	5322-130-44786	253
1820-2605	74C73	1826-0123	1915	1826-0690	1911	4822-130-34174	5009A	4835-130-37254	593	4835-130-47525	54#	5322-130-44926	264
1820-2606	74C76	1826-0128	921	1826-0709	740A	4822-130-34195	5022A	4835-130-37256	596	4835-130-47536	398#	5322-130-60068	159
1820-2622	74LS624	1826-0139	778A	1826-0712	858M	4822-130-34281	5024A	4835-130-37273	5016A	4835-130-47537	375#	5322-130-60268	185
1820-2641	74LS374	1826-0141											

Additions/Changes

32167-208-520 through 482213040912

To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement
32167-208-520	587	250222	5010T1	612761	1852	482213020014	5465	482213030787	125	482213031059	125	482213040357	123AP
32167-208-550	552	293533-001	2102	482213020016	5465	482213030821	5404	482213030789	606	482213031062	116	482213040358	161
32167-301-630	552	307566	517	482213020017	5465	482213030822	5405	482213030798	116	482213031063	177	482213040359	154
32167-401-630	5021T1	439233(Chrysler)	7072	482213020018	5404	482213030823	5404	482213030799	125	482213031064	177	482213040361	199
32167-401-870	5004A	530205	555A	482213020019	5405	482213030824	5021T1	482213030802	5021T1	482213031066	5342	482213040362	229
32169-201-230	580	530205-1	555A	482213020020	5405	482213030803	116	482213030803	116	482213031069	5018A	482213040367	159
32169-201-240	580	530205-2	555A	482213020021	5404	482213030805	5010T1	482213030805	5010T1	482213031178	519	482213040368	199
32199-901-200	1895	530205-5	555A	482213020042	5465	482213030806	5038A	482213030806	5038A	482213031072	519	482213040369	159
35682-104-620	1895	530299-2	116	482213020043(GAK)	5405	482213030813	110MP	482213030813	110MP	482213031073	116	482213040376	229
35684-114-010	376	530313-1	553	482213020044	5404	482213030821	552	482213031074	116	482213031074	103A + 102A(CP)	482213040382	103A + 102A(CP)
35684-116-010	7068	530313-2	553	482213020045	5405	482213030822	116	482213031075	109	482213031075	109	482213040384	160
35684-117-710	7068	530362-2	3092	482213020051	312	482213030823	580	482213031077	110MP	482213031077	110MP	482213040385	160
40348	324	530605-0001	6240	482213020052	5465	482213030828	116	482213031078	611	482213031078	611	482213040391	199
70001AB	1396	530605-0002	6244	482213020053	5465	482213030829	116	482213031082	580	482213031082	580	482213040392	152A
70011AB(FORD)	7053	530605-1	6240	482213020054	5465	482213030831	519	482213031085	3057	482213031085	3057	482213040405	102A
87401(NAP-IC)	74HCT163	530605-2	6244	482213020055	5465	482213030834	5003A	482213031087	552	482213031087	552	482213040408	103A + 102A(CP)
93304-2	9932	530606	5315	482213020056	5465	482213030835	519	482213031088	116	482213031088	116	482213040428	158
121661(MCP)	129MCP	530606-0001	5315	482213020057	5465	482213030836	519	482213031089	5023A	482213031089	5023A	482213040429	159
147455	555A	530606-0002	5315	482213020058	5465	482213030839	552	482213031096	5021A	482213031096	5021A	482213040437	160
147999	577	530606-1	5315	482213020059	5465	482213030841	177	482213031097	5031A	482213031097	5031A	482213040441	160
149251	5351A	530606-2	5315	482213020060	5465	482213030842	177	482213031108	3004	482213031108	3004	482213040445	85
155892	3024	501162-0007	398	482213020061	5465	482213030843	177	482213031109	3007	482213031109	3007	482213040449	130
156372	123AP	501162-0008	375	482213020062	5465	482213030845	109	482213031111	5012A	482213031111	5012A	482213040453	154
162038	891M	610417-1	2313	482213020063	5465	482213030846	610	482213031114	116	482213031114	116	482213040454	161
164253	2360	610445	123A	482213020064	5465	482213030847	125	482213031116	601	482213031116	601	482213040456	158
164589	580	610445-0001	123A	482213020065	5465	482213030848	519	482213031118	553	482213031118	553	482213040457	154
164752	891M	610445-1	123A	482213020066	5465	482213030849	5812	482213031124	156	482213031124	156	482213040459	229
171033-4(MCP)	153MCP	610485	265	482213020067	5465	482213030852	519	482213031125	125	482213031125	125	482213040461	229
171418-2	152	610485-1	265	482213020068	5465	482213030853	3020	482213031127	525	482213031127	525	482213040474	103A
175910	7032	610592-0001	31	482213020069	5465	482213030855	3020	482213031174	116	482213031174	116	482213040476	159
177471	128P	610554-0002	399	482213020070	5465	482213030857	177	482213031201	552	482213031201	552	482213040477	159
177619	7022	610554-0003	399	482213020071	5465	482213030859	5013T1	482213031253	5000A	482213031253	5000A	482213040492	161
179603	85	610554-2	399	482213020072	5465	482213030862	5018A	482213031274	3007	482213031274	3007	482213040508	106
179864	891M	610554-3	399	482213020073	5465	482213030865	581	482213031393	552	482213031393	552	482213040514	85
179866	4021B	610559	2393	482213020074	5465	482213030868	552	482213031607	587	482213031607	587	482213040515	199
180872	116	610559-0001	2393	482213020075	5465	482213030869	110MP	482213031878	116	482213031878	116	482213040522	159
180873	5318	610559-0002	2393	482213020076	5465	482213030871	125	482213031933	125	482213031933	125	482213040523	158
181696	891M	610559-0003	2393	482213020077	5465	482213030872	116	482213031981	5007A	482213031981	5007A	482213040524	130
181829	7032	610559-0004	2393	482213020078	5465	482213030873	581	482213032213	588	482213032213	588	482213040525	159
183107	3099	610559-0006	2393	482213020079	5465	482213030874	580	482213032472	3010	482213032472	3010	482213040527	159
184150	928SM	610559-1	2393	482213020080	5465	482213030875	558	482213032574	519	482213032574	519	482213040531	616
184854	519	610559-2	2393	482213020081	5465	482213030876	552	482213032699	5022A	482213032699	5022A	482213040536	165
185878	555A	610559-3	2393	482213020082	5465	482213030877	580	482213032778	519	482213032778	519	482213040537	184
189315	2354	610559-5	2393	482213020083	5465	482213030878	5135A	482213033861	519	482213033861	519	482213040614	159
190951	891M	610559-6	2393	482213020084	5465	482213030881	613	482213034026	616	482213034026	616	482213040615	290A
191300	152	610577	2394	482213020085	5465	482213030882	116	482213034073	130M	482213034073	130M	482213040617	130M
192135	7037	610577-0001	2394	482213020086	5465	482213030883	53023	482213034049	606	482213034049	606	482213040635	160
192272	928S	610577-0002	2394	482213020087	5465	482213030884	109	482213034121	116	482213034121	116	482213040637	130MP
192902	943M	610577-1	2394	482213020088	5465	482213030885	3020	482213034145	5038A	482213034145	5038A	482213040645	373
193057	2343	610577-2	2394	482213020089	5465	482213030887	610	482213034167	5013T1	482213034167	5013T1	482213040648	131MP
194566	519	610577-3	2394	482213020090	5465	482213030888	116	482213034173	5011T1	482213034173	5011T1	482213040657	229
195769	891M	610582-0002	2331	482213020091	5465	482213030889	5016A	482213034174	5009A	482213034174	5009A	482213040661	154
196211	5077A	610582-2	2331	482213020092	5465	482213030891	116	482213034195	5022A	482213034195	5022A	482213040664	373
196212	5084A	610583-0002	2331	482213020093	5465	482213030893	519	482213034197	5021T1	482213034197	5021T1	482213040665	374
197323	5071A	610583-2	2331	482213020094	5465	482213030895	581	482213034278	5010T1	482213034278	5010T1	482213040679	159
197372	519	610597	2353	482213020095	5465	482213030897	116	482213034278	5014A	482213034278	5014A	482213040701	160
197374	5071A	610597-0001	2353	482213020096	5465	482213030898	125	482213034281	5024A	482213034281	5024A	482213040704	374 + 373(CP)
197591	5424	610597-0002	2353	482213020097	5465	482213030899	5010T1	482213034281	5010T1	482213034281	5010T1	482213040708	199
197782	891M	610597-0003	2353	482213020098	5465	482213030901	5010T1	482213034382	5016A	482213034382	5016A	482213040712	374
197879	1715	610597-1	2353	482213020099	5465	482213030902	5018A	482213034488	5020A	482213034488	5020A	482213040716	159
198538	15023	610597-2	2353	482213020100	5465	482213030903	5125A	482213034499	5029A	482213034499	5029A	482213040718	159
198590	580	610597-3	2353	482213020101	5465	482213030904	3022	482213034522	580	482213034522	580	482213040732	123AP
198591	5010T1	610614	67	482213020102	5465	482213030905	611	482213034633	125	482213034633	125	482213040739	229
198592	5019T1	610614-0001	67	482213020103	5465	482213030906	519	482213034651	3024	482213034651	3024	482213040741	229
198593	5009A	610614-1	67	482213020104	5465	482213030907	519	482213034651	3024	482213034651	3024	482213040756	229
198600	5036A	610615-0002	157	482213020105	5465	482213030908	3010	482213034651	3024	482213034651	3024	482213040758	123AP
198603	5013T1	610615-2	157	482213020106	5465	482213030909	3010	482213034651	3024	482213034651	3024	482213040762	323
200227	177	610616	186A	482213020107	5465	482213030910	3010	482213034651	3024	482213034651	3024	482213040764	127
200792	7030												

To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement
482213040918.....	184	482213041091.....	332MCP	482213041273.....	552	482213090347.....	3098	483513037143.....	5019T1	483513037561.....	552	483513047202.....	51
482213040919.....	184	482213041092.....	184	482213041275.....	125	482215763366.....	3007	483513037144.....	5018A	483513037563.....	598	483513047204.....	2310
482213040921.....	185	482213041093.....	185MCP	482213041276.....	281MCP	482217700319.....	109	483513037145.....	519	483513037566.....	5020A	483513047205.....	128P
482213040923.....	102A	482213041094.....	298	482213041279.....	2310	4822220910223.....	4077B	483513037146.....	519	483513037567.....	125	483513047206.....	51
482213040924.....	123AP	482213041095.....	123AP	482213041281.....	271	4822220910246.....	4013P	483513037147.....	5020A	483513037568.....	5020A	483513047207.....	32
482213040925.....	123AP	482213041096.....	123AP	482213041282.....	271	4822220910263.....	4052B	483513037148.....	5332	483513037571.....	5404	483513047208.....	2302
482213040926.....	159	482213041097.....	374	482213041286.....	199	4822220911157.....	1853	483513037149.....	588	483513037572.....	5016A	483513047209.....	2315
482213040927.....	159	482213041098.....	159	482213041287.....	199	4822220930165.....	950	483513037151.....	552	483513037573.....	558	483513047211.....	54#
482213040928.....	199	482213041099.....	108	482213041288.....	377	4822220930171.....	960	483513037153.....	116	483513037574.....	125	483513047213.....	123AP
482213040929.....	229	482213041101.....	123AP	482213041289.....	378	4822220930175.....	1819	483513037154.....	506	483513047001.....	5021A	483513047214.....	159
482213040932.....	289A	482213041103.....	159	482213041291.....	90	4822220930185.....	960#	483513037155.....	552	483513047025.....	379#	483513047215.....	2318#
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482213040936.....	123AP	482213041109.....	374	482213041297.....	374	4822220960955.....	5022A	483513037158.....	5022A	483513047049.....	159	483513047220.....	379#
482213040937.....	123AP	482213041113.....	159	482213041298.....	198	4822220960956.....	5051	483513037159.....	5030A	483513047051.....	123AP	483513047222.....	379#
482213040938.....	123AP	482213041114.....	152	482213041299.....	290A	4822220962059.....	1854M	483513037161.....	5033A	483513047052.....	123AP	483513047226.....	253
482213040939.....	199	482213041119.....	125	482213041301.....	88	4822220962369.....	1862	483513037162.....	519	483513047053.....	159	483513047227.....	2337
482213040941.....	159	482213041124.....	159	482213041302.....	42	4822220962941.....	964#	483513037163.....	580	483513047054.....	159	483513047232.....	19
482213040942.....	159MCP	482213041125.....	210	482213041303.....	373	4822220970295.....	2057	483513037164.....	5316	483513047055.....	123AP	483513047233.....	19
482213040943.....	332MCP	482213041126.....	108	482213041304.....	90	4822220970705.....	1854M	483513037165.....	139A	483513047058.....	48	483513047234.....	159
482213040945.....	229	482213041127.....	199	482213041305.....	375	4822220971463.....	4555B	483513037169.....	5025A	483513047059.....	399	483513047235.....	85
482213040946.....	159MCP	482213041128.....	185	482213041306.....	85	4822220971489.....	1657	483513037172.....	519	483513047081.....	2302	483513047236.....	374
482213040947.....	123AP	482213041129.....	123AP	482213041307.....	229	4822220971773.....	1773	483513037173.....	1773	483513047084.....	2302	483513047237.....	374
482213040948.....	123AP	482213041131.....	123AP	482213041308.....	229	4822220971901.....	977	483513037174.....	177	483513047085.....	2406	483513047238.....	12#
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482213040952.....	123AP	482213041133.....	123AP	482213041310.....	290A	4822220972107.....	1862	483513037179.....	580	483513047067.....	2331	483513047244.....	3587
482213040953.....	123AP	482213041135.....	234	482213041311.....	290A	4822220972368.....	1862	483513037182.....	125	483513047068.....	2393	483513047247.....	290A
482213040955.....	229	482213041136.....	374	482213041312.....	85	4822220972491.....	1634	483513037184.....	519	483513047069.....	199	483513047251.....	21
482213040956.....	130	482213041137.....	199	482213041322.....	85	4822220972544.....	2057	483513037185.....	525	483513047071.....	123AP	483513047252.....	153#
482213040957.....	159	482213041138.....	280	482213041323.....	85	4822220972545.....	1853	483513037186.....	5134A	483513047072.....	198	483513047253.....	85
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482213040959.....	123AP	482213041141.....	373	482213041505.....	290A	4822220972804.....	815	483513037188.....	587	483513047076.....	85	483513047259.....	2355#
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482213040964.....	159	482213041146.....	159	482213041691.....	248	4822220973954.....	967#	483513037196.....	5801	483513047086.....	2406	483513047266.....	56#
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482213040979.....	159	482213041161.....	123A	482213042675.....	2406	4822220980818.....	928M	483513037226.....	5015A	483513047101.....	54	483513047323.....	165
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482213040984.....	389	482213041168.....	222	482213044108.....	154	4822220981118.....	1580	483513037232.....	5025A	483513047105.....	171	483513047327.....	395
482213040985.....	94	482213041169.....	152	482213044121.....	123AP	4822220981194.....	1231A	483513037233.....	586	483513047106.....	395	483513047328.....	54
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482213040989.....	159	482213041174.....	199	482213044196.....	199	4822220982569.....	4066B	483513037254.....	593	483513047111.....	2318	483513047336.....	54#
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482213040993.....	159	482213041177.....	199	482213044256.....	159	482221100859.....	5305	483513037277.....	147A	483513047114(CEB).....	229	483513047342.....	2343
482213040994.....	123AP	482213041178.....	107	482213044257.....	123AP	4822272038000.....	125	483513037279.....	5081A	483513047115.....	382	483513047343.....	382
482213040995.....	185	482213041179.....	199	482213044283.....	383	4822272092870.....	158	483513037283.....	586	483513047116.....	2407	483513047344.....	2315
482213040996.....	165	482213041181.....	199	482213044358.....	159	4822281370066.....	109	483513037287.....	519	483513047117.....	216	483513047345.....	2406
482213040997.....	247	482213041182.....	248	482213044359.....	159	483510307089.....	5351	483513037289.....	5081A	483513047118.....	2318#	483513047346.....	5404B
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482213040999.....	159	482213041184.....	123AP	482213044465.....	152								

Additions/Changes

483513047677 through 933198140112

To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement
483513047677	152#	483520987076	1566	532213030286	5013T1	532213040716	159	933000550112	125	933059950112	519
483513047678	378#	483520987077	966	532213030295	581	532213040732	123AP	933000560112	125	933061210112	5006A
483513047705	399	483520987079	928M	532213030302	5021T1	532213040758	123AP	933000590112	166	933061640112	160
483513047706	2353	483520987081	778A#	532213030303	519	532213040759	123AP	933000600112	168	933061650112	160
483513047708	2407	483520987082	1219	532213030323	519	532213040782	154	933000610112	125	933061940112	125
483513047719	398#	483520987085	1798	532213030324	5011T1	532213040822	159	933000630112	501T1	933062020112	229
483513047722	2361	483520987086	7067	532213030325	5006A	532213040823	159	933000640112	131M23	933062450112	130AP
483513047723	2361	483520987089	7066	532213030346	5021T1	532213040824	374	933000670112	102A	933063390112	229
483513047744	399	483520987091	1858	532213030349	168	532213040835	123AP	933001270112	158	933063400112	229
483513047746	2414	483520987094	1845	532213030358	5013T1	532213040858	123AP	933001330112	123AP	933063410112	229
483513047749	2414	483520987097	4051B	532213030366	519	532213040855	123AP	933001340112	123AP	933063470112	519
483513047751	2406	483520987105	4066B	532213030391	109	532213040899	969	933002310112	160	933063530112	116
483513047757	289A	483520987111	15009	532213030402	5019T1	532213040981	2408	933002370112	160	933063720112	159
483513047759	399	483520987112	928SM	532213030414	166	532213040982	2408	933002420112	126A	933065720112	616
483513047761	2330	483520987113	928SM	532213030521	168	532213040983	2409	933002470112	160	933067630112	123AP
483513047762	2302#	483520987121	3098	532213030571	519	532213042012	2409	933002520112	126A	933067640112	123AP
483513047764	184	483520987122	3105#	532213030574	125	532213042363	263	933002550112	160	933067650112	123AP
483513047765	290A	483520987125	964	532213030576	125	532213042701	263	933002580112	160	933067660112	123AP
483513047769	2393	483520987131	7031	532213030578	5010T1	532213044025	123AP	933002590112	160	933067670112	229
483513047771	233	483520987136	771	532213030587	5013T1	532213044051	154	933002730112	160	933068830112	199
483513047785	290A	483520987137	1834	532213030592	519	532213044049	130	933002800112	154	933068930112	199
483513057003	5458	483520987149	3098	532213030593	109	532213044101	123AP	933002900112	108	933069090112	123AP
483513057031	5011T1	483520987151	1628	532213030613	519	532213044102	159	933002911112	229	933069550112	123AP
483513087016	3017	483520987168	858M	532213030621	519	532213044103	123AP	933002921112	229	933069701112	123AP
483513087029	3099	483520987177	950	532213030659	116	532213044104	159	933002930112	161	933069980112	199
483513087076	5404	483520987179	4053B	532213030664	613	532213044108	154	933003030112	103A + 102A(C)	933069990112	123AP
483513087121	3098	483520987181	74HC00	532213030668	558	532213044112	154	933003050112	103A + 102A(C)	933070520112	109
483513087132	1805	483520987248	3105	532213030684	116	532213044113	123AP	933003271000	166	933070530112	159
483513087136	234	483520987252	977	532213030702	519	532213044117	229	933003301112	166	933073470112	159
483513087137	1834	483520987259	960#	532213030715	109	532213044119	159	933004000110	109	933076010112	159
483513087149	3098	483520987261	834	532213030746	613	532213044121	123AP	933004010112	109	933076020112	159
483513087263	290A	483520987262	928M	532213030759	5011T1	532213044124	154	933004020112	519	933076030112	159
483513087328	1676	483520987263	834	532213030765	5006A	532213044128	580	933004050112	109	933076450112	125
483513087358	1630	483520987264	615A	532213030766	5013T1	532213044133	123AP	933004140112	109	933076510112	159
483513087406	1789	483520987268	1766	532213030767	5010T1	532213044134	159	933004160112	109	933076760112	159
483513097005	3041	483520987271	1716	532213030769	613	532213044135	123AP	933004240112	519	933080260112	130M
483513097006	3092	483520987274	960#	532213030774	5019T1	532213044141	123AP	933004300112	164	933080300112	5465
483513097016	254	483520987275	74LS58	532213030784	5005A	532213044142	159	933007700000	610	933081330112	85#
483513097017	535	483520987277	4052B	532213030791	580	532213044143	123AP	933008640112	177	933081980112	519
483513097018	557	483520987283	966#	532213030814	588	532213044148	123AP	933008650112	177	933082220112	130
483513097042	3092	483520987284	739	532213030885	580	532213044152	123AP	933008740112	168	933083760112	130MP
483513737001	5006A	483520987285	742	532213030886	616	532213044153	159	933008780112	519	933083990112	519
483514887073	549	483520987286	815	532213030888	5010T1	532213044154	229	933008810112	5010T1	933084480112	116
483514887074	556	483520987287	778A	532213030898	5003A	532213044155	199	933008820112	5011T1	933084540112	199
483520917011	74HC15	483520987289	7426	532213030949	606	532213044156	159	933008821112	5011T1	933084990112	519
483520917028	4538B	483520987291	7405	532213030969	5021T1	532213044157	123AP	933008830112	519	933085990112	188
483520917029	973	483520987292	7445	532213030972	116	532213044164	246	933008880112	5011T1	933085010112	159
483520917032	859	483520987298	1380	532213030973	5038A	532213044195	229	933008890112	5013T1	933087330112	166
483520917033	4053B	483520987301	4052B	532213034145	5038A	532213044197	159	933008940112	5013T1	933090810112	159
483520917038	778A	483520987302	7011	532213034167	5013T1	532213044198	199	933008970112	5021T1	933091160112	373
483520917039	4013B	483520987308	969	532213034173	5011T1	532213044199	159	933009100112	5011T1	933091170112	374
483520917055	74LS123	483520987356	7013	532213034197	5021T1	532213044212	123AP	933009210112	5021T1	933091180112	373
483520917057	923	483520987402	1776	532213034233	5010T1	532213044232	383	933009270112	5010T1	933091190112	373
483520917058	1846	483520987406	1789	532213034287	519	532213044246	199	933009280112	5011T1	933091210112	374 + 373(C)
483520917091	976	483520987552	1906	532213034297	5019T1	532213044251	159	933009300112	5019T1	933091210112	374 + 373(C)
483520917092	801	483520987612	1674	532213034323	580	532213044256	159	933009340112	5019T1	933091230112	374
483520917094	1785#	483520987668	977	532213034395	109	532213044257	123AP	933009360112	5021T1	933091240112	374 + 373(C)
483520917095	7406	483520987675	891M	532213034402	552	532213044258	159	933009370112	5025A	933091260112	165
483520917096	2803	483520987682	74LS58	532213034403	552	532213044263	352	933009450112	159	933091260112	165
483520917097	4016B	483520987721	74HC164	532213034448	552	532213044283	383	9330094520112	290A	933094230112	616
483520917098	4016B	483520987744	7043	532213034465	5013T1	532213044287	165	933009550112	519	933094520112	290A
483520917101	829	483520987748	7042	532213034522	580#	532213044289	123AP	933009550112	519	933095550112	519
483520917103	1439	483520987763	987	532213034542	5019T1	532213044291	123AP	933009600112	159	933095550112	519
483520917104	1416	483520987793	1902	532213034563	5002A	532213044298	123AP	933009650112	159	933096050112	159
483520917105	1445	483520987803	1729	532213034574	116	532213044299	199	933009660112	519	933096600112	159
483520917106	1231A	483520987821	977	532213034633	125	532213044301	123AP	933009670112	519	933096600112	159
483520917107	1203	483520987826	7044	532213034634	3023	532213044303	123AP	933009680112	223	933096600112	159
483520917108	163	483520987892	966	532213034638	116	532213044332	185	933009690112	229	933096600112	159
483520917111	1567	483520987834	1765	532213034694	3020	532213044346	159	933009710112	103A	933096600112	159
483520917112	1741	483520987835	1852	532213034754	613	532213044358	159	933009720112	552	933096600112	159
483520917113	1740	483520987837	7054	532213035754	613	532213044413	373	933009750112	85#	933096600112	159
483520917116	1804	483520987846	891M	532213040061	123AP	532213044421	153	933009800112	154	933096600112	159
483520917122	820	483520987851	1771	532213040132	130	532213044438	153	933009810112	154	933096600112	159
483520917123	1374	483520987852	1855	532213040135	130	532213044461	123AP	933009820112	165	933096600112	159
483520917124	797	483525227003	15020	532213040144	130	532213044465	152	933009830112	125	933096600112	159
483520917125	4094B	483525227005	15021	532213040145	123AP	5322					

To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement
933198530112	153	933266909112	3011	933452010112	2343	933589680212	2408	933778360689	891M	APT4065BN	2394◆
933198540112	152	933268830012	379	933452010127	2343	933589680215	2408	933781490112	7001	APT4080BN	2394◆
933198550112	153	933268861012	3020	933452020012	2343	933589690115	2408	933790240412 (CBE)	199	APT4550BN	2394◆
933198560112	153MCP	933268940002	2313	933452020112	2343	933589690212	2408	933790463012	1803	APT4585BN	2394◆
933198570112	153 + 152P	933268950112	2313	933452020127	2343	933589700215	2408	933790710112	1804	APT5050BN	2394◆
93319870112	229	933268970412	2313	933452030112	2343	933589710112	2409	933813760112	1803	APT5085BN	2394◆
933198780112	229	933269590112	2313	933452030127	2343	933589710156	2409	933825880112	7018	BO320440	7064
933201326682	891M	933269590127	2313	933460490112	281MCP	933589710212	2409	933826380112	2057	BO347230	834
9332023030112	165	933297990112	552	933460500112	280 + 281(CP)	933589710215	2409	933826930112	1786	BO376795	7068
933202340112	165	933300041012	116	933460620112	593	933589720112	2409	933828460112	1785	B641-QR(Trans)	17
933202360112	165	933300047012	3010	933460620115	593	933589720212	2409	933831560682	964	B641-QRS(Trans)	17
933202380112	116	933300060112	960	933460620212	593	933589720215	2409	933833960112	1786	B641-R(Trans)	17
933202420112	116	933318480112	3025	933460620215	593	933589730112	2409	933838980112	1804	B641-S(Trans)	17
933202620112	159	933320320112	519	933460620235	1566	933589730212	2409	933841470112	1804	B641-S(Trans)	17
933202750112	152	933320330112	908	933462000112	125	933589730215	2409	933841480112	1786	B709AQRW(Trans)	2409
933202760112	153	933320340112	3010	933466830112	125	933589800112	2409	933846980112	1786	B852K(Trans)	2405
933203020112	615A	933321740112	184	933470050112	580◆	933589800212	2409	933851440112	1804	B897	271◆
933205520112	123AP	933321760112	185 + 184(CP)	933471020112	7001	933589800215	2409	933851450112	1803	B937(Trans)	254◆
933205540112	159	933323740112	3074	933473540112	395	933589830112	2409	933851890112	7072	B937A(Trans)	254◆
933206490112	153MCP	933324060112	3007	933473540412	395	933589830212	2409	933852210112	1804	B937AR(Trans)	254◆
933206600112	287	933324070112	3010	933473640112	281MCP	933589830215	2409	933852270112	1786	B937R(Trans)	254◆
933206880112	552	933326260112	2341	933475350112	229	933597990112	2392	933852280112	2057	B938(Trans)	254◆
933207520112	123AP	933326260116	2341	933475360112	229	93359770112	2388	93385770112	2057	B938AR(Trans)	254◆
933207530112	123AP	933326260126	2341	933475360112	3057	933597990112	2388	933857260112	2057	B938AR(Trans)	254◆
933207540112	123AP	933326630112	2341	933489960112	1292	933598000112	2384	933861740112	1802	B938R(Trans)	254◆
933207750112	123AP	933326640112	2341	933494270112	316	933598000215	2409	93386190112	1786	B1050P(Trans)	12◆
933208180112	552	933326640116	2341	933494270112	3074	9335980215	2409	93386190112	1786	B1050Q(Trans)	12◆
933208190112	558	933326640126	2341	933500070113	580	933598030212	2409	93386190112	1802	B1050R(Trans)	12◆
933208390112	519	933326650112	2342	933500140113	580	933598030215	2409	93387150112	1802	B1154(Audio)	2306◆
933208400112	519	933326650116	2342	933500170113	580	933598040112	2318	933872770112	1785	B1154R(Audio)	2306◆
933208410112	519	933326660112	2342	933500180113	580	933598040127	2318	933874690112	1853	B1155(Audio)	2306◆
933215280112	165	933326670112	2342	933502020112	592	933644250112	2426	933874700112	1853	B1187(Trans)	378◆
933215920112	610	933326670126	2342	933502020115	592	933644250115	2426	933876150112	7001	B1198K(Trans)	2411
933217360112	5465	933327590112	2310	933502020127	592	933644260112	2426	933876150112	7050	B1198K(Trans)	2411
933220000112	331	933328340112	125	933502030112	592	933644260115	2426	933889010112	2047	B1259(Trans)	262◆
933220010112	332	933329800112	149	933502030112	592	933644270112	2426	933901220112	519	B1351(Trans)	2344◆
933220110112	5812	933330340112	968	933502030115	592	933644270115	2426	933902930112	1802	B1353(Trans)	398◆
933220340112	3010	933347730212	2403	933502030212	592	933644280112	2427	933902940112	1850	B1353A(Trans)	398◆
933220870112	5465	933347730215	2403	933502030215	592	933644280115	2427	933902950112	1850◆	B1355(Trans)	378◆
933221930112	382	933352670112	199	933502040112	592	933644290112	2427	933902960112	1850	B1356(Trans)	378◆
933221940112	382	933352690112	159	933502040115	592	933644290115	2427	933902960127	1802	B1357(Trans)	378◆
933221950112	383	933360870112	519	933502040212	592	933644300112	2427	933910450112	1802	B1358(Trans)	378◆
933221960112	383	933363710112	253 + 254(CP)	933502040215	592	933644300115	2427	933916550112	7072	B1358(Trans)	262◆
933221970112	383	933363710112	3079	933502040215	592	933644300112	2427	933916550112	7072	B1360(Trans)	551◆
93322250112	165	93336450112	263 + 264(CP)	933502040215	592	933644300115	2427	933921130112	1754	B1367(Trans)	55◆
933222520112	165	933366300112	123AP	933502040215	592	933644300112	2427	933921330112	2057	B1512(Trans)	262◆
93322260112	383 + 382(CP)	933366330112	123AP	933502040215	592	933644300115	2427	933921340112	2057	B1514(Trans)	262◆
933222650112	383	933366330112	123AP	933502040215	592	933644300112	2427	933921340112	2057	BA178	555A
933222650112	383	933366330112	123AP	933502040215	592	933644300115	2427	933926830112	7050	BA178M05	960
933222650112	383	933366330112	123AP	933502040215	592	933644300112	2427	933928000112	7051	BA182	555A
933222650112	383	933366330112	123AP	933502040215	592	933644300115	2427	933937250112	1852	BA482	555A
933222650112	383	933366330112	123AP	933502040215	592	933644300112	2427	933937250112	1852	BA483	555A
933222650112	383	933366330112	123AP	933502040215	592	933644300115	2427	933937250112	1852	BA484	555A
933222650112	383	933366330112	123AP	933502040215	592	933644300112	2427	933937250112	1852	BA485	555A
933222650112	383	933366330112	123AP	933502040215	592	933644300115	2427	933937250112	1852	BA486	555A
933222650112	383	933366330112	123AP	933502040215	592	933644300112	2427	933937250112	1852	BA487	555A
933222650112	383	933366330112	123AP	933502040215	592	933644300115	2427	933937250112	1852	BA488	555A
933222650112	383	933366330112	123AP	933502040215	592	933644300112	2427	933937250112	1852	BA489	555A
933222650112	383	933366330112	123AP	933502040215	592	933644300115	2427	933937250112	1852	BA490	555A
933222650112	383	933366330112	123AP	933502040215	592	933644300112	2427	933937250112	1852	BA491	555A
933222650112	383	933366330112	123AP	933502040215	592	933644300115	2427	933937250112	1852	BA492	555A
933222650112	383	933366330112	123AP	933502040215	592	933644300112	2427	933937250112	1852	BA493	555A
933222650112	383	933366330112	123AP	933502040215	592	933644300115	2427	933937250112	1852	BA494	555A
933222650112	383	933366330112	123AP	933502040215	592	933644300112	2427	933937250112	1852	BA495	555A
933222650112	383	933366330112	123AP	933502040215	592	933644300115	2427	933937250112	1852	BA496	555A
933222650112	383	933366330112	123AP	933502040215	592	933644300112	2427	933937250112	1852	BA497	555A
933222650112	383	933366330112	123AP	933502040215	592	933644300115	2427	933937250112	1852	BA498	555A
933222650112	383	933366330112	123AP	933502040215	592	933644300112	2427	933937250112	1852	BA499	555A
933222650112	383	933366330112	123AP	933502040215	592	933644300115	2427	933937250112	1852	BA500	555A
933222650112	383	933366330112	123AP	933502040215	592	933644300112	2427	933937250112	1852	BA501	555A
933222650112	383	933366330112	123AP	933502040215	592	933644300115	2427	933937250112	1852	BA502	555A
933222650112	383	933366330112	123AP	933502040215	592	933644300112	2427	933937250112	1852	BA503	555A
933222650112	383	933366330112	123AP	933502040215	592	933644300115	2427	933937250112	1852	BA504	555A
933222650112	383	933366330112	123AP	933502040215	592	933644300112	2427	933937250112	1852	BA505	555A
933222650112	383	933366330112	123AP	933502040215	592	933644300115	2427	933937250112	1852	BA506	555A
933222650112	383	933366330112	123AP	933502040215	592	933644300112	2427	933937250112	1852	BA507	555A
933222650112	383	933366330112	123AP	933502040215	592	933644300115	2427	933937250112	1852	BA508	555A
933222650112	383	933366330112	123AP	933502040215	592	933644300112	2427	933937250112	1852	BA509	555A
933222650112	383	933366330112	123AP	933502040215	592	933644300115	2427	933937250112	1852	BA510	555A
933222650112											

Additions/Changes

BYT52G through MJW16018

To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement
BYT52G	569◆	C3460K(Trans)	2348	D78C(Trans)	2347	F5K040	6083◆	GZS4.7	5009A	K310(FET)	2391	KTC2120-Y(TR)	269A
BYT52J	569◆	C3460K(Trans)	2348	D78C(Trans)	2347	F10K030	6083◆	GZS5.1Y	5010T1	K311(FET)	2391◆	KTC212S	2408
BYT85/600	598	C3460M(Trans)	2348	D79B(Trans)	2347/2427	F10K040	6083◆	GZS5.6Y	5011A	K346(FET)	2394	KTC2303	382
BYT86/600	598	C3461	2348	D79A	2347/2427	F113A	552	GZS6.2Y	5013T1	K349(FET)	2394	KTC3879	2408
BYV12	569◆	C3461K(Trans)	2348	D79B	2347/2427	F113B	552	GZS6.2Z	5013T1	K405(FET)	2393◆	KTD880A	152
BYV13	569◆	C3461L(Trans)	2348	D79C	2347/2427	F113D	552			K399(FET)	2394◆	KTD2012	377
BYV14	569◆	C3461M(Trans)	2348	D79D	2347/2427	F113E	552			K400(FET)	2393◆	L298	7071
BYV95	569◆	C3481(Trans)	2302◆	D558(Trans)	2347/2351	F113F	552			K405(FET)	2393◆	L298KV	7071
BYV95A	569◆	C3552(Trans)	2348	D601AQRW(Trans)	2408	F114B	552			K412(FET)	2394	L298KV	7071
BYV95B	569◆	C3552K(Trans)	2348	D638PQR(Trans)	18	F114D	552			K413(FET)	2393◆	L298V	7071
BYV95C	569◆	C3552M(Trans)	2348	D797	387◆	F114F	587			K414(FET)	2393◆	L7809	1910
BYW29E-100	597	C3552M(Trans)	2348	D797-Y	387◆	FDH400	587			K532(FET)	2389◆	L7905CV	961
BYW29E-150	597	C3637(Trans)	2354	D811	2310◆	FEF16AT	599◆			K549(FET)	2390	L7908CV	965
BYW29E-200	597	C3688(Trans)	2354	D882PM(Trans)	184	FEF16BT	599◆			K551(FET)	2388	L7912CV	967
BYW52	580	C3723(Trans)	2337	D1138(Trans)	375	FEF16CT	599◆			K556(FET)	2394	L7915CV	969
BYW53	580	C3729(Trans)	2324	D1142(Trans)	389					K557(FET)	2394	L7918CV	959
BYW55	506	C3737(Trans)	2348	D1143(Trans)	238	FEF16DT	599◆			K559(FET)	2394◆	L7924CV	971
BYW56	506	C3738(Trans)	2354◆	D1173(Trans)	2302◆	FF023800	527A			K560(FET)	2394◆	LA4182	1667
BYW82	580	C3796A(Trans)	2348	D1174(Trans)	2302◆	FR3029	588			K561(FET)	2393◆	LA4183	1667
BYW83	580	C3796B(Trans)	2348	D1177(Trans)	2302◆	FSF07566	587			K562(FET)	2393◆	LA461N	1761
BYW84	580	C3797(Trans)	2348	D1208(Trans)	2335	GBL005	5318◆			K641(FET)	2394	LA7222	7066
BYW85	577	C3797A(Trans)	2348	D1260(Trans)	253	GBL01	5318◆			K642(FET)	2394	LA7510	7067
BYW86	577	C3798(Trans)	2348	D1260A(Trans)	253	GBL02	5318◆			K643(FET)	2394	LA7670	7054
BYW95	569◆	C3798A(Trans)	2348										
BYW95A	569◆	C3799(Trans)	2348	D1260AR(Trans)	253◆								
BYW95B	569◆	C3799A(Trans)	2348	D1260R(Trans)	253◆								
BYW95C	569◆	C3811(Trans)	123AP◆	D1261(Trans)	253◆								
BYX82	580	C3811Q(Trans)	123AP◆	D1261A(Trans)	253◆								
BYX83	580	C3811R(Trans)	123AP◆	D1261AR(Trans)	253◆								
BYX84	580	C3897(Trans)	2337	D1262(Trans)	253◆								
BYX85	506	C3830(Trans)	2337	D1450(Trans)	2361								
BYX86	506	C3831(Trans)	2311◆	D1456	2302								
BZX79A5V1	5010T1	C3851A(Trans)	291◆	D1484K(Trans)	2410								
BZX79A5V6	5011T1	C3853(Trans)	390◆	D1548(Trans)	2354								
BZX79A6V2	5013T1	C3856(Trans)	2328	D1706(Audio)	2305◆								
BZX79A10	5019T1	C3874(Trans)	2311◆	D1706R(Audio)	2305◆								
BZX79A12	5021T1	C3892A(Trans)	2353	D1710(Trans)	2302								
BZX79B5V1	5010T1	C3893A(Trans)	2353	D1781K(Trans)	2406								
BZX79B5V6	5011T1	C3893B(Trans)	2354◆	D1791(Trans)	270◆								
BZX79B6V2	5013T1	C3910(Trans)	2311◆										
BZX79F10	5019T1	C3927(Trans)	2348	D1793(Trans)	270◆								
BZX79F12	5021T1	C3945(Trans)	375◆	D1795(Trans)	2316◆								
C93-02	626◆	C3982(Trans)	2348◆	D1849(Trans)	2353◆								
C122E	5466	C3982A(Trans)	2348◆	D1880(Trans)	2353								
C122M	5466	C4096(Trans)	2354◆	D1881(Trans)	2353								
C156A(SCR)	5368◆	C4111(Trans)	2354◆	D1887(Trans)	2354◆								
C156B(SCR)	5368◆	C4122(Trans)	2331◆	D1959(Trans)	2343◆								
C156C(SCR)	5368◆	C4123(Trans)	2353◆	D2014(Trans)	2326								
C156D(SCR)	5368◆	C4124(Trans)	2353◆	D2015(Trans)	2326								
C156E(SCR)	5368◆	C4125(Trans)	2353◆	D2024(Trans)	261								
C158(SCR)	5368◆	C4126(Trans)	2353◆	D2032(Trans)	261◆								
C214(Trans)	2347	C4138(Trans)	2311◆	D2032A(Trans)	261◆								
C214A(Trans)	2347	C4139(Trans)	2311◆	D2033(Trans)	375◆								
C215(Trans)	2347	C4199(Trans)	2354◆	D2033A(Trans)	375◆								
C223(Trans)	2347	C4199A(Trans)	2354◆	D2035(Trans)	152◆								
C224(Trans)	2347	C4232(Trans)	2348◆	D2036(Trans)	152◆								
C225(Trans)	2347	C4235(Trans)	2348◆	D2037(Trans)	377◆								
C234(Trans)	2347	C4236(Trans)	2348◆	D2038(Trans)	152◆								
C235(Trans)	2347	C4237(Trans)	2348◆	D2039(Trans)	261◆								
C235-Q(Trans)	2347	C4296(Trans)	2309◆	D2041(Trans)	2332◆								
C235Y(Trans)	2347	C4297(Trans)	2308◆	D2041A(Trans)	2332◆								
C291(Trans)	2347	C4298(Trans)	2308◆	D2042(Trans)	2336◆								
C292(Trans)	2347	C4299(Trans)	2309◆	D2043(Trans)	2343◆								
C293(Trans)	2347	C4300(Trans)	2309◆	D2044(Trans)	56◆								
C310(Trans)	2347◆	C4301(Trans)	2309◆	D2081(Trans)	2343◆								
C458(Trans)	2348	C4302(Trans)	2309◆	D2096(Trans)	152◆								
C669(Trans)	2347	C4303(Trans)	2324	D2251(Trans)	2353								
C669A(Trans)	2347	C4303A(Trans)	2324	D2252(Trans)	2354◆								
C677(Trans)	2347	C4306(Trans)	2348◆	D2305(Trans)	261◆								
C677A(Trans)	2347/2427	C4312(Trans)	2348◆	D2307(Trans)	261◆								
C677AB(Trans)	2347/2427	C4313(Trans)	2348	D93013001B	5084A								
C677AD(Trans)	2347/2427	C4327(Trans)	377◆	DFERC04-02F	125								
C677AE(Trans)	2347/2427	C4354(Trans)	51◆	DGDSB15C	125								
C677AF(Trans)	2347/2427	C4355(Trans)	377◆	DGDSF10C	552								
C677AH(Trans)	2347/2427	C4381(Trans)	375◆	DGGMA01	177								
C677AJ(Trans)	2347/2427	C4385(Trans)	36◆	DGGZA30Y	5035A								
C677E(Trans)	2347/2427	C4386(Trans)	36◆	DM74193N	74193								
C677F(Trans)	2347/2427	C4418(Trans)	2337◆	DSK2	46								
C677H(Trans)	2347/2427	C4421(Trans)	2337◆	DSK23	46								
C677I(Trans)	2347/2427	C4434(Trans)	2311◆	DSK24	46								
C677J(Trans)	2347/2427	C4442(Trans)	2337	DT5708	165								
C893(Trans)	2347/2427	C4445(Trans)	2309◆	DT5709	165								
C933SRX(Trans)	290A	C4466(Trans)	390◆	EGCS41	548								
C1263C2(IC)	7055	C4467(Trans)	36	EGCS47	517								
C1316C(IC)	7055	C4494(Trans)	56◆	EGCS55	555A								
C1473A0H(Trans)	7056	C4511(Trans)	54◆	EGCS59	599◆								
C1488H(IC)	7056	C4512(Trans)	54	EGCS649	5679◆								
C1685AORS(Trans)	85	C4512(Trans)	54	EE-SJ3W-B	3103								
C1740SRK(Trans)	85	C4517(Trans)	2339	EE-SM3B5	3101								
C1740SRQ(Trans)	85	C4517A(Trans)	2339	EK14-F5	586								
C1860(Trans)	2347◆	C4518(Trans)	2337	EM02BMV	125								
C1860K(Trans)	2347	C4531(Trans)	2353	EP16X34	555A								
C1860-L(Trans)	2347◆	C4542(Trans)	2354◆	EP84X34	1785								
C1860-M(Trans)	2347◆	C4544(Trans)	376◆	EOB01-09	5073A								
C2005V(IC)	1396	C4546(Trans)	2337◆	EOB01-09S	5073A								
C2023(Trans)	2313	C4557(Trans)	2348	EOB01-11Q(ZD)	5074A								
C2238-0(Trans)	375◆	C4557C(IC)	778A	EOB01-11QV	5074A								
C2238A0(Trans)	375◆	C4559C(IC)	778A	ERA15-01V3	552								
C2238AY(Trans)	375◆	C4570C(IC)	891M	ERA18-04	552								
C2238Y(Trans)	375◆	C4570G(IC)	891M	ERA22-04V3	552								
C2712GR(Trans)	2408	C4575(Trans)	2334◆	ERA2206	552								
C3089	2348	C4622(Trans)	2312	ERC62-004	6083								
C3089L(Trans)	2348	C4662(Trans)	2337	ERC80-004	6083								
C3089M(Trans)	2348	C4884A(Trans)	157◆	ERC80M-004	6083◆								
C3090	2348	C6091	8165	ESGB01-08	544								
C3090L(Trans)	2348	C6091S(HEP)	8165	ESGB01-09	544								
C3090M(Trans)	2348	C9302	6246◆	EPAD05-30	5074A								
C3305(Trans)	2325	CD22402	7049	ET400(Trans)	2348◆								
C3307(Trans)	2348◆	CD22402E	7049	EW16X9	555A								
C3312(Trans)	2361	CIC5106	2051	EW16X550	555A								
C3312R(Trans)	2361	CIC5107	2050	EW84X0540	891SM◆								
C3370(Trans)	92	CIC9192	1691	EW84X255	7044								
C3449(Trans)	2348	CIC9193	1692	EW84X576	891M								
C3449L(Trans)	2348	CS298	7071	EX0022TA	142A								
C3449M(Trans)	2348	CS298MV	7071	EX0023TA	5009A								

To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement
MK4027J-4	2104	NJM78M18FA	958#	RG4LFM1	576	SDT5005	2347	SK74C373	74C373	SK10055	1924	SK10208	4989
MK4027M-4	2104	NJM78M24FA	972#	RG3P30GJ	580	SDT5006	2347	SK74C374	74C374	SK10058	1941	SK10209	6102
MM7P9V120	6419	NJM79L05A	1917	RG5P5080	558	SDT5007	2347	SK74C901	74C901	SK10061	778SM	SK10210	6103
MM74C02N	74C02	NJM79L12A	1903	RG5P100	558	SDT5008	2347	SK74C902	74C902	SK10070	922SM	SK10211	6104
MM74C08N	74C08	NJM79L15A	1905	RH-1X1077CEZZ	7058	SDT5009	2347	SK74C903	74C903	SK10073	928SM	SK10212	6105
MM74C10N	74C10	NJM79L18A	1907	RH-1X1078CEZZ	7065	SDT5010	2347	SK74C904	74C904	SK10075	943SM	SK10213	6110
MM74C20N	74C20	NJM79L24FA	1909	RH-1X1705CEZZ	7054	SDT5011	2347	SK74C921	74C921	SK10078	944	SK10214	6112
MM74C73N	74C73	NJM79M05A	961	RH-1X1706CEZZ	7010	SDT5012	2347	SK74C923	74C923	SK10080	1709	SK10215	6113
MM74C74N	74C74	NJM79M05FA	961#	RH-DX0214CEZZ	588	SDT5013	2347	SK74C925	74C925	SK10081	1589	SK10216	6115
MM74C76N	74C76	NJM79M06A	963	RH-DX0259CEZZ	558	SDT5014	2347	SK74L501	74L501	SK10082	1845	SK10217	6116
MM74C85N	74C85	NJM79M06FA	963#	RH-DX0302CEZZ	530A	SDT5015	2347	SK74LS13	74LS13	SK10083	1846	SK10219	6162
MM74C90N	74C90	NJM79M08A	965	RH-DX0302CEZZ	558	SDT5503	2347	SK74LS28	74LS28	SK10084	1847	SK10220	6163
MM74C154N	74C154	NJM79M08FA	965#	RH-DZ0009YBEO	544	SDT5504	2347	SK74LS40	74LS40	SK10085	1855	SK10221	6160
MM74C157N	74C157	NJM79M12A	967	RH-EX0002AEZZ	502T11	SDT5506	2347	SK74LS47	74LS47	SK10086	1886	SK10223	6162
MM74C161N	74C161	NJM79M12FA	967#	RH-EX0022TAZZ	142A	SDT5507	2347	SK74LS48	74LS48	SK10087	1934X	SK10226	6169
MM74C164N	74C164	NJM79M15A	969	RH-EX0024GEZZ	5013A	SDT5508	2347	SK74LS55	74LS55	SK10088	2331	SK10230	6121
MM74C174N	74C174	NJM79M15FA	969#	RH-EX0042TAZZ	5009A	SDT5509	2347	SK74LS145	74LS145	SK10089	2341	SK10232	6125
MM74C175N	74C175	NJM79M18A	959	RH-EX0043TAZZ	5011A	SDT5511	2347	SK74LS148	74LS148	SK10090	2342	SK10233	6131
MM74C192N	74C192	NJM79M18FA	959#	RH-EX0045TAZZ	142A	SDT5512	2347	SK74LS247	74LS247	SK10091	2343	SK10234	6134
MM74C193N	74C193	NJM79M24A	971#	RH-EX0047GEZZ	5008A	SDT5513	2347	SK74LS348	74LS348	SK10092	2344	SK10239	6141
MM74C221N	74C221	NJM79M24FA	971#	RH-EX0049TAZZ	5011T1	SDT5514	2347	SK74LS352	74LS352	SK10093	2361	SK10241	6170
MM74C925N	74C925	NJM431L	999	RH-EX0092CEZZ	5006A	SDT7401	2347	SK74LS353	74LS353	SK10094	2362	SK10242	6172
MM80C97N	80C97	NJM1458	778A	RH-EX0094CEZZ	5021A	SDT7402	2347	SK74LS378	74LS378	SK10095	2402	SK10243	6172
MM80C98N	40098B	NJM2068D	891M	RH-EX0102CEZZ	5011A	SDT7403	2347	SK74LS398	74LS398	SK10096	2403	SK10244	6179
MM2102AN-4L	2102	NJM2068M	891SM	RH-EX0116CEZZ	5014A	SDT7411	2347	SK74LS399	74LS399	SK10097	2406	SK10246	6181
MM3005	2347	NJM3524D	1720	RH-EX0130GEZZ	5009A	SDT7412	2347	SK74LS641	74LS641	SK10098	2407	SK10247	6186
MM3006	2347	NJM4151	890	RH-EX0145CEZZ	5015A	SDT7413	2347	SK74LS642	74LS642	SK10099	2408	SK10252	6152
MM3007	2347	NJM4560D	891M	RH-EX0154CEZZ	5015A	SDT7414	2347	SK74LS645	74LS645	SK10100	2409	SK10253	6158
MMBT A05L	2410	NJM7812A	966	RH-EX0596CEZZ	5022A	SDT7415	2347	SK3242	8168	SK10101	2410	SK10254	6159
MMBT A06L	2410	NJM4562D	891M	RH-EX0163GEZZ	502T11	SDT7416	2347	SK3512	2347	SK10102	2411	SK10255	6171
MMBT A06LT1	2410	NJM4562M	891SM	RH-EX0223CEZZ	5014A	SDT7417	2347	SK4501UB	4501	SK10103	2401	SK10256	6178
MMBT A20L	2406	NJM7805A	960	RH-EX0255CEZZ	5025A	SDT7418	2347	SK4506UB	4506B	SK10104	2404	SK10257	6170
MMBT A55L	2411	NJM7805FA	960#	RH-EX0296CEZZ	5011T1	SDT7419	2347	SK4513B	4513B	SK10105	2405	SK10258	6179
MMBT A56L	2411	NJM7806A	962	RH-EX0397CEZZ	5097A	SDT9001	2347	SK4521B	4521B	SK10106	2412	SK10259	6171
MMBT A56LT1	2411	NJM7806FA	962#	RH-EX0398CEZZ	5013A	SDT9002	2347	SK4522B	4522B	SK10107	2413	SK10260	6172
MMBT A70L	2407	NJM7808A	964	RH-EX0413GEZZ	5022A	SDT9003	2347	SK4526B	4526B	SK10108	2416	SK10261	6174
MOC8020	3045	NJM7808FA	964#	RH-EX0586CEZZ	139A	SDT9004	2347	SK4531B	4531B	SK10109	2417	SK10262	6176
MPS306	46C	NJM7812A	966	RH-EX0586CEZZ	139A	SDT9005	2347	SK4539B	4539B	SK10110	2418	SK10265	6178
MPC2005V	1396	NJM7812FA	966#	RH-FX0018CEZZ	3098	SDT9006	2347	SK4547B	4547B	SK10112	2426	SK10266	6175
MPG06D	587	NJM7815A	968	RH-IX1077CEZZ	7058	SDT9007	2347	SK4551B	4551B	SK10113	2427	SK10267	6176
MPN3401	555A	NJM7815FA	968#	RH-IX1078CEZZ	7065	SDT9008	2347	SK4553B	4553B	SK10114	2430	SK10268	6178
MPN-3401	555A	NJM7818A	958	RH-IX1705CEZZ	7054	SDT9009	2347	SK4558B	4558B	SK10115	2431	SK10269	6179
MPS5305	46	NJM7818FA	958#	RH-IX1712CEZZ	7010	SDT9010	2347	SK4562B	4562B	SK10116	2436	SK10271	6181
MPS5307	46	NJM7824A	972	RL850	569	SDT9011	2347	SK4568B	4568B	SK10117	2437	SK10273	159MCP
MPS5308	46	NJM7824FA	972#	RL851	569	SDT9012	2347	SK4569B	4569B	SK10118	2438	SK10274	1542
MPS9634B	123AP	NJM7905A	961	RL852	569	SDT85501	2347	SK4573B	4573B	SK10119	2439	SK10275	6182
MPS9634C	123AP	NJM7906A	963	RL854	569	SDT85502	2347	SK4597B	4597B	SK10120	2445	SK10278	6183
MPS9634D	123AP	NJM7906A	963	RL856	569	SDT85503	2347	SK4598B	4598B	SK10121	2446	SK10279	6184
MS1002	6083	NJM7906FA	963#	RM-24AVTA	125	SDT85506	2347	SK6634	5618	SK10122	2349	SK10280	6185
MS1003	6083	NJM7908A	965	RS3F5	552	SDT85507	2347	SK6635	5618	SK10123	2350	SK10281	6186
MS1004	6083	NJM7908FA	965#	RU-2M(V)TA	552	SDT85508	2347	SK7439	7439	SK10124	2357	SK10282	6187
MS1045	6083	NJM7912A	967	RU2N	552	SFC2305	1928	SK9150	555A	SK10125	2358	SK10283	6188
MTG8N50E	2393#	NJM7912FA	967#	RU4B	577	SFR101	569	SK9306	548	SK10126	2380	SK10284	6189
MTG9N50E	2394#	NJM7915A	969	RU4C	577	SFR102	569	SK9762	1748	SK10127	2381	SK10285	6190
MTG14N50E	2394#	NJM7915FA	969#	SS53M	6083	SFR103	569	SK9763	3098	SK10128	2382	SK10286	6191
MTH745	2393	NJM7918A	959	SS54M	6083	SFR104	569	SK9770	3092	SK10129	2384	SK10287	6192
MTH7N50	2393	NJM7918FA	959#	S180D	5800	SFR105	569	SK9870	1777	SK10130	2386	SK10288	6193
MTH8N35	2393	NJM7924A	971	S181D	5801	SFR151	569	SK9871	1778	SK10131	2388	SK10289	6194
MTH8N40	2393	NJM7924FA	971#	S380D	5800	SFR152	569	SK9872	1789	SK10132	2389	SK10290	6195
MTH8N45	2393	NSD300C	6090	S381D	5801	SFR153	569	SK9880	1796	SK10133	2392	SK10291	6196
MTH8N45FP	2393#	NSD3030C	6090	S483T(CEB)	283	SFR154	569	SK9886	1807	SK10134	2392	SK10292	6197
MTH8N50E	2393	NSD3040C	6090	S627T(CEB)	287	SFR155	569	SK9901	1821	SK10136	2324	SK10293	6198
MTH13N45	2394	NSDU01	186A	S628T(CEB)	287	SFR201	569	SK9911	1589	SK10137	2326	SK10294	6199
MTH13N50	2394	NSDU01	187A	S629T(CEB)	287	SFR202	569	SK9926	61MP	SK10138	2327	SK10295	6202
MTP2N25	2391	NSF8AT	581#	S637T	256	SFR203	569	SK9931	93MCP	SK10139	778S	SK10296	6203
MTP2N35	2380	NSF8BT	581#	S690T(CEB)	237	SFR204	569	SK9932	129MCP	SK10140	1871	SK10297	6204
MTP2N40	2380	NSF8DT	581#	S763T	23	SFR205	569	SK9933	153MCP	SK10142	1874	SK10298	6205
MTP3N40	2390	NSP56AF	598	SFR301	569	SFR302	569	SK9934	590	SK10143	1875	SK10299	6206
MTP10N05	2390	NSF8JT	598	S3002(HEP)	2347	SFR303	569	SK9940	591	SK10144	1839	SK10300	6207
MTP10N06	2390	NSO6025-6	5679	S3010(HEP)	2347	SFR304	569	SK9943	594	SK10145	1840	SK10301	6208
MTP15N05	2389	NST520	6083	S3011(HEP)	2347	SFR305	569	SK9944	595	SK10146	1841	SK10302	6209
MTP15N06	2389	NST530	6083	S5630	60	SFR306	569	SK9945	1860	SK10147	1842	SK10303	6210
MTP25N05	2389	NST545	6083	S6030	61	SG2011	2011	SK9946	1859	SK10148	1843	SK10304	6211
MTP25N06	2389	P5D(SMD)	593	S6785F	5424#	SG2012	2012	SK9947	1678	SK10149	1844	SK10305	6212
MTP30N05	2389	P30N05E(FET)	2389	S6785G	5424#	SG2013	2013	SK9948	1685	SK10150	1845	SK10306	6213
MTP30N06	2389	P30N06E(FET)	2389	S8B20	6083	SG2014	2014	SK9949	1689	SK10151	1846	SK10307	6214
MTP45N05	2389	PA3005	6083	S8B30	6083	SG2015	2015	SK9950	1705	SK10152	1847	SK10308	6215
MTP45N06	2389	PBYR735F	6083	SBL1030	6083	SG2801N	2016	SK9951	1710	SK10153	1848	SK10309	6216
MTW10N40E	2394#	PBYR740	6083	SBL1040	6083	SG2802N	2017	SK9952	1711	SK10154	1849	SK10310	6217
MTW14N50E	2394#	PBYR740	6083	SBL1040	6083	SG2803N	2018	SK9953	1712	SK10155	1850	SK10311	6218
MTZ2.7	5002A	PBYR740F	6083#	SBL2030PT	6087#	SG2804N	2019	SK9954	1713	SK10156	1851	SK10312	6219
MTZ3.0	5004A	PBYR745	6083	SBL2040PT	6087#	SG2811N	2016	SK9961	2414	SK10157	1852	SK10313	6220
MTZ3.3	5005A	PBYR745F	6083#	SBLF1030	6083#	SG2812N	2017						

Additions/Changes

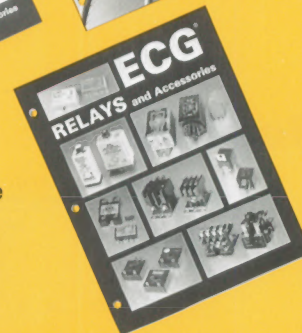
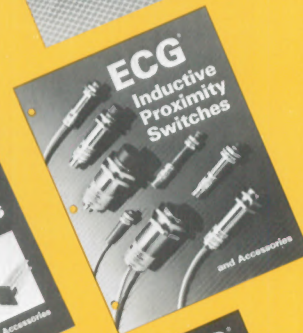
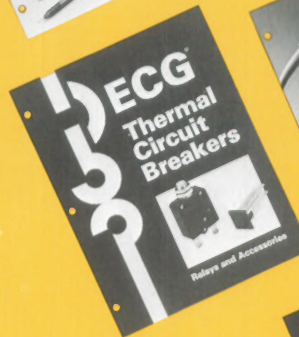
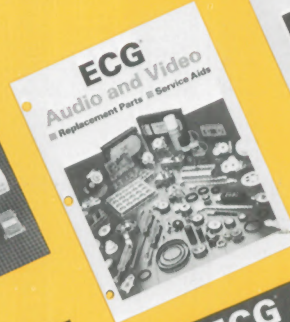
To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement
SK10428.....	5924	SK10505.....	1896	SR1002.....	6083	TA7267BP.....	7064	TG2SC3402.....	2355	UFN611.....	2391◆	VHITA7348P/-1.....	1826
SK10429.....	5925	SK10506.....	1897	SR1003.....	6083	TA7267P.....	7064	TG2SD313.....	152	UFN612.....	2391◆	VHITA8703S/-1.....	7057
SK10430.....	5928	SK10507.....	1898	SR1004.....	6083	TA7291S.....	7043	TG840M.....	5554◆	UFN613.....	2391◆	VHITDA3569/-1.....	7048
SK10431.....	5929	SK10508.....	1899	SR1020.....	6083	TA7299P.....	1830	TIC253B(T0218).....	56033	UFN720.....	2391	VHITDA7052/-1.....	7051
SK10432.....	5932	SK10509.....	1865	SR1030.....	6083	TA7805S.....	960◆	TIC253D(T0218).....	56033	UFN721.....	2391	VHITDA8305A/-1.....	7047
SK10433.....	5933	SK10510.....	576	SR1035.....	6083	TA7806S.....	962◆	TIC253E(T0218).....	56033	UFN722.....	2391	VHIUPC1406HA1.....	1792
SK10434.....	6220	SK10511.....	577	SR1040.....	6083	TA7808S.....	962◆	TIC253F(T0218).....	56033	UFN723.....	2391	VHIUPC1513H/-1.....	1787
SK10435.....	6230	SK10512.....	6241	SR1045.....	6083	TA7810S.....	1932◆	TIC253G(T0218).....	56033	UHVPR802.....	597	VHSS6785GLB2E.....	5424#
SK10436.....	5702	SK10513.....	6247	SRA820.....	6083	TA7812S.....	966◆	TIC263D(T0218).....	56033	UHVPR804.....	598	VHSS6785GLB2E.....	5424#
SK10437.....	5704	SK10514.....	879	SRA830.....	6083	TA7815S.....	968◆	TIC263E(T0218).....	56033	UHVPR806.....	598	VHSS6785GLB2E.....	5424#
SK10438.....	5704	SK10515.....	999M	SRA840.....	6083	TA7818S.....	958◆	TIC263M(T0218).....	56033	ULN2011A.....	2011	VS2SC383-WT-1.....	85
SK10439.....	3170	SK10516.....	999SM	SRM-8ZG.....	548	TA7824S.....	972◆	TIP501.....	2347	ULN2012A.....	2012	VS2SD1827//1E.....	291
SK10440.....	3171	SK10518.....	3120	SRP100J.....	569	TA8200AH.....	7068	TIP502.....	2347	ULN2013A.....	2013	VS2SC2021-Q-1.....	16◆
SK10441.....	3181	SK10519.....	2128	SRP100K.....	569	TA8200H.....	7068	TIP541.....	2347◆	ULN2014A.....	2014	VS2SC2238Y/-1.....	375
SK10442.....	3182	SK10520.....	1890	SS8050.....	216	TA8201AK.....	1832◆	TIPL760A.....	2333	ULN2015A.....	2015	VS2SC2610Y/-1.....	399
SK10443.....	6362	SK10522.....	1892	SS8050-B.....	216	TA8210AH.....	7041	TIPL760A.....	2333	UNF541.....	2389	VS2SC2611/-1.....	157
SK10444.....	6363	SK40098B.....	40098B	STK3082II.....	1339◆	TA8210AL.....	7041◆	TIS98(CBE).....	123AP	UPC259C.....	891M	VS2SC3886A/1E.....	2324#
SK10445.....	3169	SK40195B.....	40195B	STK4034II.....	7030	TA8211AH.....	7070	TIS99(CBE).....	123AP	UPC259G.....	891SM	VS2SC4544LB2E.....	376#
SK10446.....	3180	SK72390.....	74390	STK4036II.....	7030	TA8211CLP.....	7070	TL431ACLP.....	999	UPC1263C2.....	7055	VS2SD1554/1E.....	2331
SK10447.....	9200	SK74142.....	74142	STK4044II.....	7031	TA8601B.....	7065	TL431ACZ.....	999	UPC1316C.....	7055	VS2SD2095/1E.....	2331
SK10448.....	9401	SK74143.....	74143	STK4046X.....	7032	TA8601BN.....	7065	TL431CLP.....	999	UPC1488H.....	7056	VS2SD2125/1E.....	2331
SK10449.....	955MC	SK74144.....	74144	STK4046XI.....	7032	TA8601BN-FA-1.....	7065	TL431CLPM.....	999	UPC2005V.....	1396	VSDTA124ES/-1.....	2358
SK10450.....	955SM	SK74147.....	74147	STK4231II.....	7029	TA8601BNV.....	7065	TL431CLPM.....	955SM	UPC4556C.....	891M◆	VS2SC2238Y/-1.....	375
SK10451.....	995M	SK74158.....	74158	STK5331.....	7035◆	TA8601CN.....	7065◆	TLG103.....	3014A	UPC4556G.....	891SM	VS2SC2611/-1.....	157
SK10452.....	987SM	SK74173.....	74173	STK5333.....	7036	TA8601CN(FA-1).....	7065◆	TLG143.....	3014A	UPC4559C.....	778A	VSK63.....	6083
SK10453.....	978SM	SK74182.....	74182	STK5342.....	7035	TA8654.....	7058	TLP621-1-GB.....	3098	UPC4560C.....	891M	VSK64.....	6083
SK10454.....	978C	SK74221.....	74221	STK5346.....	7024	TA8654S.....	7058	TLP631.....	3043◆	UPC4560G.....	891SM	VSK1020.....	6083
SK10455.....	975SM	SK74251.....	74251	STK5352.....	7026	TA8680AN.....	7010	TM25C1685.....	85	UPC4570C.....	891M	VSK1035.....	6083
SK10456.....	6809E	SK74290.....	74290	STK5364.....	7037	TA8703.....	7057	TM25C1686.....	85	UPC4570G.....	891SM	VSK1045.....	6083
SK10457.....	6106	SK74293.....	74293	STK5461.....	7027	TA8703S.....	7057	TM341M-L.....	5638	UPC4572C.....	891M◆	W005G.....	5304
SK10458.....	6107	SK74365.....	74365	STK5464.....	7023	TC1T013170.....	289A	TM361M-L.....	5609◆	UPC4572G.....	891SM◆	W01G.....	5304
SK10459.....	5667A	SK74366.....	74366	STK5468.....	7028	TD62001P.....	2011	TM541M-L.....	5638	UPT211.....	2347	W02G.....	5304
SK10460.....	5668A	SK74367.....	74367	STK5468S.....	7028	TD62002P.....	2012	TM561M-L.....	5609◆	UPT212.....	2347	W04G.....	5304
SK10461.....	5669A	SK74368.....	74368	STD5474.....	7074	TD62008BP.....	2033	TM841M-L.....	5638	UPT213.....	2347	W06G.....	5305
SK10462.....	468	SK75454B.....	75454B	STK5476.....	7022	TD62308BP-1.....	2033	TM861M-L.....	5609◆	UPT214.....	2347	W08G.....	5306
SK10463.....	469	SKM959A.....	1V095	STK5477.....	7034	TD62308P.....	2033	TM1041M-L.....	5645	UPT611.....	2347	W10G.....	5307
SK10464.....	468	SKM959B.....	1V095	STK5486.....	7038	TD62308P.....	2033	TM1061M-L.....	5645	UPT612.....	2347	X1077CE.....	7058
SK10465.....	469	SKT2400H.....	5591	STK6961.....	1748	TD62308P.....	2033	TM121M-L.....	56006◆	UPT613.....	2347	X1078CE.....	7065
SK10466.....	5620	SKT2400J.....	5592	STK6961.....	1748	TD62308P.....	2033	TM1261M-L.....	56006◆	UPT614.....	2347	X1705CE.....	7054
SK10467.....	5671	SL608(Diode).....	125	STK7348.....	7025	TD62308P.....	2033	TM1641M-L.....	56016◆	USD635.....	6083	XGS7001.....	2347
SK10468.....	5699	SLB530.....	6083	STK7358.....	7033	TD62308P.....	2033	TM1641S-L.....	5671	USD640.....	6083	XGS7002.....	2347
SK10469.....	7000	SLB540.....	6083	STK7404.....	7021	TD62308P.....	2033	TM1661M-L.....	56017◆	USD645.....	6083	XRA4151CP.....	890
SK10470.....	7001	SM-1A-02FR.....	569◆	STK7406.....	7021	TD62308P.....	2033	TM1661S-L.....	5671	USD735.....	6083	XRA6418N.....	7042
SK10471.....	7002	SM-1A-02FRA.....	569◆	STK7408.....	7021	TD62308P.....	2033	TM3T803001.....	2355	USD740.....	6083	YTF521.....	2390
SK10472.....	7003	SM-1A-04FR.....	569◆	STK7563A.....	1737◆	TD62308P.....	2033	TM3T803001.....	2355	USD745.....	6083	YTF523.....	2382
SK10473.....	7004	SM-1A-04FRA.....	569◆	STRD3015.....	1896◆	TD62308P.....	2033	TM3T803001.....	2355	UTZJ5.1B.....	5010A	YTF531.....	2380◆
SK10474.....	7005	SM-1A-06FR.....	569◆	STRD3030.....	1777◆	TD62308P.....	2033	TM3T803001.....	2355	UTZJ5.1B.....	5010T1	YTF533.....	2390
SK10475.....	7006	SM-1A-06FRA.....	569◆	STRD3035.....	1778◆	TD62308P.....	2033	TM3T803001.....	2355	UTZJ5.6.....	5011A	YTF541.....	2389
SK10476.....	7007	SM-1XH02.....	569◆	STRS6301.....	7073	TD62308P.....	2033	TP10W45FX.....	2348	UTZJ6.2.....	5011T1	YTF543.....	2389
SK10477.....	7008	SM-1XH04.....	569◆	STRS6301A.....	7046	TD62308P.....	2033	TR01059-5.....	130	UTZJ6.2.....	5013A	YTF610.....	2391◆
SK10478.....	7009	SM-1XH06.....	569◆	STRS6301-LF953.....	7073	TD62308P.....	2033	TR02059-5.....	219	UTZJ6.2B.....	5013T1	YTF611.....	2391◆
SK10479.....	7010	SM-1XH08.....	569◆	TIP501.....	2347	TD62308P.....	2033	TS6022(BCE).....	157◆	UTZJ6.8.....	5014A	YTF612.....	2391◆
SK10480.....	7011	SM-1XH08.....	569◆	TIP502.....	2347	TD62308P.....	2033	TSC7106CPL.....	2051	UTZJ8.2.....	5016A	YTF613.....	2391◆
SK10481.....	7012	SM-1XM06.....	569◆	TIP541.....	2347◆	TD62308P.....	2033	TEA5581.....	7050	UTZJ9.1.....	5018A	YTF622.....	2391
SK10482.....	7013	SM-1.5-02FR.....	569	TIPL760A.....	2333	TD62308P.....	2033	TVR06G-623.....	552	UTZJ9.1.....	5019A	YTF623.....	2391
SK10483.....	7014	SM-1.5-04FR.....	569	TIPL760A.....	2333	TD62308P.....	2033	TVR10G.....	552	UTZJ10B.....	5019T1	YTFP450.....	2394
SK10484.....	7015	SM-3-02FR.....	569◆	T2W80HFX.....	2348	TD62308P.....	2033	TVSQA205D.....	5010T1	UTZJ11.....	5020A	YTFP451.....	2394
SK10485.....	7016	SM-3-04FR.....	569	T2W80HFX.....	2348	TD62308P.....	2033	TVSQA206B.....	5012A	UTZJ12.....	5021A	YTFP452.....	2394
SK10486.....	7017	SM-3-06FR.....	569	T6W80HDT.....	2348	TD62308P.....	2033	TVSQA208C.....	5016A◆	UTZJ12B.....	5021T1	YTFP453.....	2394
SK10488.....	7019	SN74LS47N.....	74LS47	T6W80HFX.....	2348	TD62308P.....	2033	TVSQB109SA.....	5073A	UTZJ18.....	5027A	Z5.1B.....	5010A
SK10489.....	7020	SN74LS48N.....	74LS48	T9G0041203DH.....	5598	TD62308P.....	2033	TVSRM11B.....	125	UTZJ20.....	5029A	Z9.1B.....	5018A
SK10491.....	1645	SN74LS113AN.....	74LS113	T10W80HDT.....	2348	TD62308P.....	2033	TVSTC4066BP.....	4066B	UTZJ22.....	5030A	Z9.1BL.....	5018A
SK10492.....	1646	SN74LS136N.....	74LS136	T10W80HFX.....	2348	TD62308P.....	2033	TVSTC4069UBP.....	4069	UTZJ27.....	5033A	Z11BL.....	5020A
SK10493.....	1647	SN74LS155AN.....	74LS155	T63A011790.....	2407	TD62308P.....	2033	TYDCT114ES.....	2355	UTZJ30.....	5035A	Z11BMTA.....	5021A
SK10494.....	1766	SP888.....	7053	T67A1037K0.....	2409	TD62308P.....	2033	TYDCT114ES.....	2355	UTZJ33.....	5036A	Z24BLTA.....	5031A
SK10496.....	1866	SR802.....	6083	T83A028120.....	2408	TD62308P.....	2033	UA431AWC.....	999	UTZJ36.....	5037A	Z30BM.....	5035A
SK10497.....	1867	SR803.....	6083	T83A028127.....	2408	TD62308P.....	2033	UA431C.....	999	UTZJ39.....	5038A	Z30BM.....	5035A
SK10498.....	1868	SR804.....	6083	T83A028140.....	2408	TD62308P.....	2033	UA494APC.....	1729	VHDI15S82//1A.....	177	Z131-20ULB.....	524V13
SK10499.....	1869SM	SR820.....	6083	T86A.....	116	TD62308P.....	2033	UA715HC.....	915	VHDI17182W-1.....	966	Z131-70UL.....	524V13
SK10500.....	1869	SR830.....	6083	T87A02412K.....	2408	TD62308P.....	2033	VF604Q.....	580	VHDI5223P//1.....	778A	ZS106.....	524V13
SK10501.....	1889	SR835.....	6083	T2806B.....	5633	TD62308P.....	2033	UFN512.....	2382	VHISTRS6301-1.....	7073		
SK10502.....	1891	SR840.....	6083	T2806B.....	5633	TD62308P.....	2033	UFN543.....	2389	VHITA7056/-1.....	7052		
SK10504.....	1895	SR845.....	6083	TA7267.....	7064	TD62308P.....	2033	UFN610.....	2391◆	VHITA7347/-1.....	1873		

Deletions

To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement	To Be Replaced	ECG Replacement
1N3948.....	137A	2SC371-0.....	289A	117-9(HEATHKIT).....	185 + 184(CP)	121661.....	129 + 128(CP)	D79.....	427/282S	LAS723B.....	923	SK7481.....	7481
2N2468.....	102	2SC496(O).....	295	152-042-9-001(Zener).....	5072A	171033-4.....	153 + 152(CP)	L01669(Trans).....	379	LM340AK-15.....	1918	SL608.....	125
2N2469.....	102	2SC789-0.....	152	264P1 02020.....	558	7502601.....	290A + 289A(CP)	ERZ08A3K101.....	379	MJE5850.....	379	SN75491AN.....	75491B
2N4416(S,D,G).....	312	2SC8280.....	85	354(CHRYSLER).....	723	A835(Trans).....	240	ERZ15A3S251.....	601	MJE5851.....	379	SN75492AN.....	75492B
2N5114.....	466	2SC16830.....	375	433-1 (Sylvania).....	123A	BD262(Darlington).....	254	ERZ15A3S251.....	601	MJE5852.....	379	SRK2.....	552
2N5543.....	459	2SC2458-0.....	85	1151BLUE(G.E.).....	749	BD262A(Darlington).....	254	GL3401.....	1471	NSD206.....	296	STK-0100.....	1342
2N5544.....	459	2SD425S2585S.....	280 + 281(CP)	1820-0844.....	4025S	BD266/BD227.....	185 + 184(CP)	HVPR12-16.....	517	RGF-10A.....	552	ST4300I.....	1359
2N6436.....	327	2SD1069.....	379	1862-1(RCA).....	1790	BYT79-300.....	6241	103A98M090.....	1902	RGF-10B.....	552	STK430<III>.....	1359
2N6437.....	327	13-28336-20.....	185 + 184(CP)	2057A100-69.....	289A + 290A(CP)	BYT79-400.....	6241	103B98M090.....	1902	RGF-10D.....	552	X1066AF.....	1354
2N6438.....	327	14-602-57.....	129 + 128(CP)	9331-492-30112.....	159 + 159M(CP)	BYT79-500.....	6241	IX1066AF.....	1354	RH-IX1066AFZZ.....	1354		
2SA835.....	240	34-6010.....	129 + 128(CP)	9331-727-50112.....	332 + 331(CP)	BZY208-800.....	555	KB296.....	96	RR-IX1066AFZZ.....	1354		
2SA2060.....	293	57C6-28.....	123A + 159(CP)	9331-985-70112.....	153 + 152(CP)	C310.....	282S	L78M09-SA.....	1902	S-60W.....	1354		
2SA2060P.....	293	103A98M090.....	1902	9333-217-60112.....	185 + 184(CP)	C697.....	427/282S	L120AB.....	936	S60W.....	1354		
2SA2060G.....	293	103B98M090.....	1902	9334-605-00112.....	280 + 281(CP)	C697A.....	427/282S	LAS723.....	923	S-60WA.....	1354		

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